



Product DatasheetKHSRP Antibody (orb763126)

Catalog Number orb763126

Category Antibodies

Description Anti-KHSRP Antibody. Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB

applications. This antibody reacts with Human, Rat.

Clonality Polyclonal

Species/Host Rabbit

Isotype Rabbit IgG

Conjugation Unconjugated

Reactivity Human, Rat

Form/Appearance Lyophilized

Concentration Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

Purification Immunogen affinity purified.

Immunogen E.coli-derived human KHSRP recombinant protein (Position: D116-R478).

UniProt ID Q92945

MW 85-90 kDa

Tested applications ELISA, FC, ICC, IF, IHC, IP, WB

Application notes Western blot, 0.1-0.25 μg/ml, Human, Mouse, Rat

Immunohistochemistry(Paraffin-embedded Section), 2-5 μg/ml, Human, Mouse,

Rat Immunocytochemistry/Immunofluorescence, 5 μg/ml, Human

Immunoprecipitation, 0.5-2 μ g/ml, Human Flow Cytometry (Fixed), 1-3 μ g/1x106 cells, Human ELISA, 0.1-0.5 μ g/ml, -. Adding 0.2 ml of distilled water will yield a

concentration of 500 µg/ml

Biorbyt Ltd.





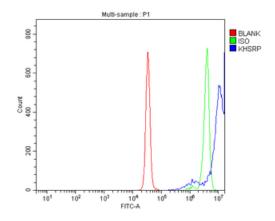
Cross Reactivity No cross-reactivity with other proteins.

Antibody Type Primary Antibody

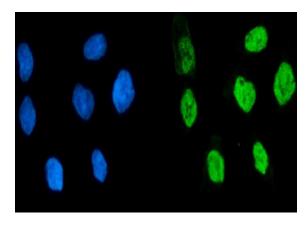
Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -

20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only



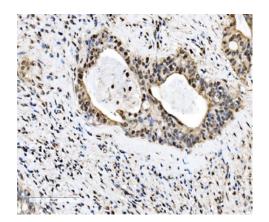
Flow Cytometry analysis of K562 cells using anti-KHSRP antibody. Overlay histogram showing K562 cells (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-KHSRP Antibody (1 $\mu g/1x10^6$ cells) for 30 min at 20°C. DyLight® 488 conjugated goat anti-rabbit IgG (5-10 $\mu g/1x10^6$ cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 $\mu g/1x10^6$) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



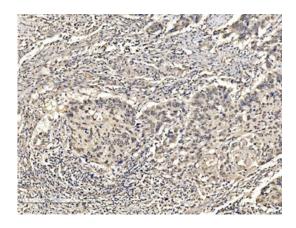
IF analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in an immunocytochemical section of Caco-2 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 μg/mL rabbit anti-KHSRP Antibody overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.







IHC analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in a paraffin-embedded section of human gallbladder adenocarcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-KHSRP Antibody overnight at 4°C. Biotinylated goat anti-rabbit lgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in a paraffin-embedded section of human laryngeal squamous cell carcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-KHSRP Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

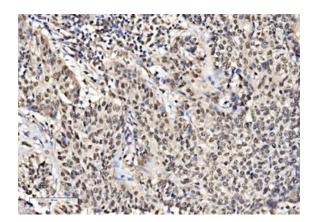


IHC analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-KHSRP Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

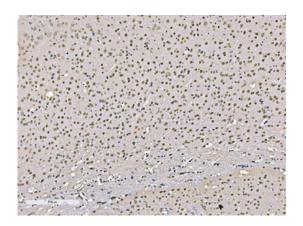
Email: $\underline{info@biorbyt.com}$, $\underline{support@biorbyt.com}$ Phone: $\underline{+1 (415) 906-5211}$ | Fax: $\underline{+1 (415) 651-8558}$



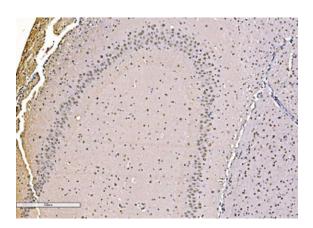




IHC analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-KHSRP Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in a paraffin-embedded section of mouse brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-KHSRP Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

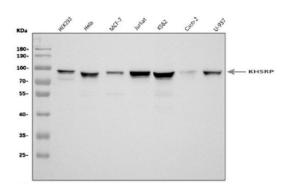


IHC analysis of KHSRP using anti-KHSRP antibody. KHSRP was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-KHSRP Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

Email: <u>info@biorbyt.com</u>, <u>support@biorbyt.com</u> Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558





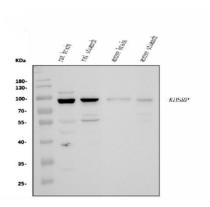


Western blot analysis of KHSRP using anti-KHSRP antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HEK293 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: human Jurkat whole cell lysates, Lane 5: human K562 whole cell lysates, Lane 6: human Caco-2 whole cell lysates, Lane 7: human U-937 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-KHSRP antigen affinity purified polyclonal antibody at 0.25 μg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for KHSRP at approximately 85-90 kDa. The expected band size for KHSRP is at 73 kDa.

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Western blot analysis of KHSRP using anti-KHSRP antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat brain tissue lysates, Lane 2: rat stomach tissue lysates, Lane 3: mouse brain tissue lysates, Lane 4: mouse stomach tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-KHSRP antigen affinity purified polyclonal antibody at 0.25 µg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for KHSRP at approximately 85-90 kDa. The expected band size for KHSRP is at 73 kDa.

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