

Product Datasheet

RBP4 Rabbit Polyclonal Antibody (orb251543)

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| Catalog Number | orb251543 |
| Category | Antibodies |
| Description | RBP4 Rabbit Polyclonal Antibody |
| Target | Retinol-binding protein 4 |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Isotype | Rabbit IgG |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Form/Appearance | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml. |
| Buffer/Preservatives | Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ . |
| Reconstitution | Add 0.2ml of distilled water will yield a concentration of 500ug/ml. |
| Purification | Immunogen affinity purified. |
| Immunogen | E.coli-derived human RBP4 recombinant protein (Position: E19-201L). Human RBP4 shares 86% amino acid (aa) sequence identity with both mouse and rat RBP4. |
| UniProt ID | P02753 |
| MW | 23 kDa |

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|----------------------------|---|
| Tested applications | ELISA, IF, IHC, WB |
| Dilution range | Western blot, 0.1-0.5µg/ml, Human Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human Immunofluorescence, 5 µg/ml, Human ELISA, 0.1-0.5µg/ml, - |
| Specificity | No cross reactivity with other proteins. |
| 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 |
| Expiration Date | 12 months from date of receipt. |



Anti-RBP4 Picoband antibody, Western blotting. All lanes: Anti RBP4 at 0.5 ug/ml. Lane 1: Rat Liver Tissue Lysate at 50 ug. Lane 2: Mouse Liver Tissue Lysate at 50 ug. Lane 3: HEPG2 Whole Cell Lysate at 40 ug. Lane 4: COLO320 Whole Cell Lysate at 40 ug. Predicted bind size: 23 KD. Observed bind size: 23 KD.

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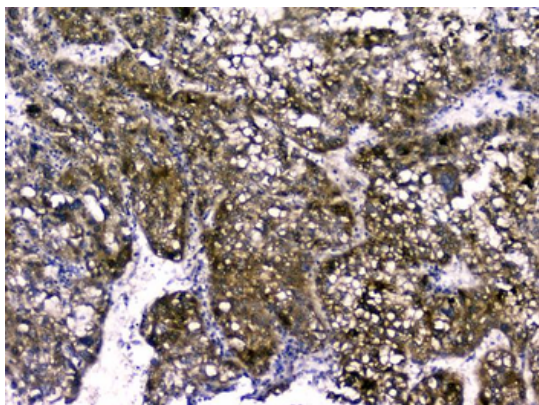
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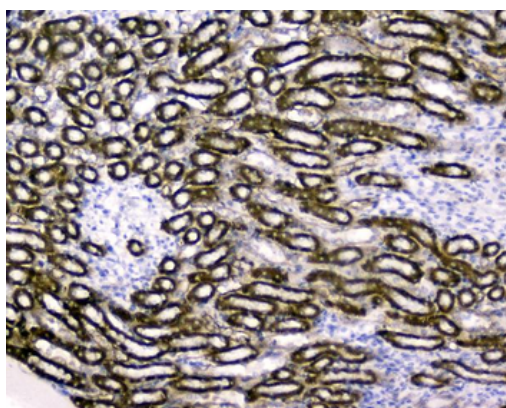
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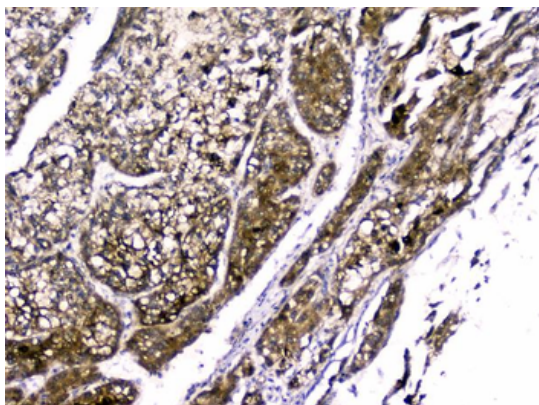
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IHC analysis of RBP4 using anti-RBP4 antibody. RBP4 was detected in paraffin-embedded section of human liver cancer tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/ml rabbit anti-RBP4 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 Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



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IHC analysis of RBP4 using anti-RBP4 antibody. RBP4 was detected in paraffin-embedded section of mouse kidney tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/ml rabbit anti-RBP4 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 Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

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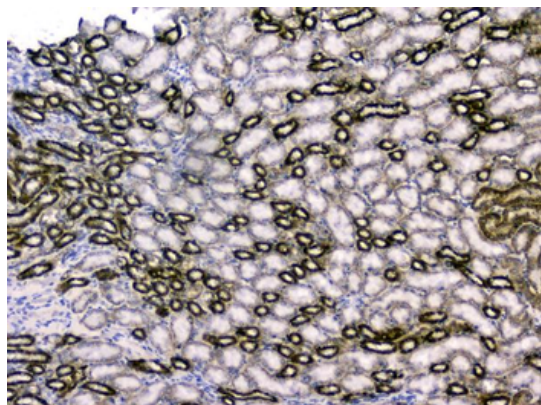
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