Product Datasheet

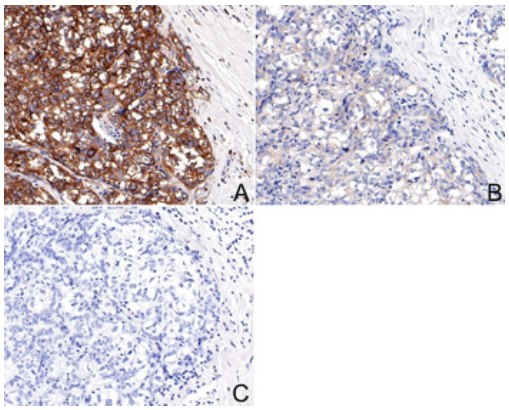
Phospho-EIF2S1 (Ser51) Recombinant Rabbit Monoclonal Antibody (orb1974725)

Description	Phospho-EIF2S1 (Ser51) Recombinant Rabbit Monoclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human Phospho-EIF2S1 (Ser51)
Target	EIF2S1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Recombinant
Clone Number	8B5
Antibody Type	Recombinant Antibody
MW	36 kDa

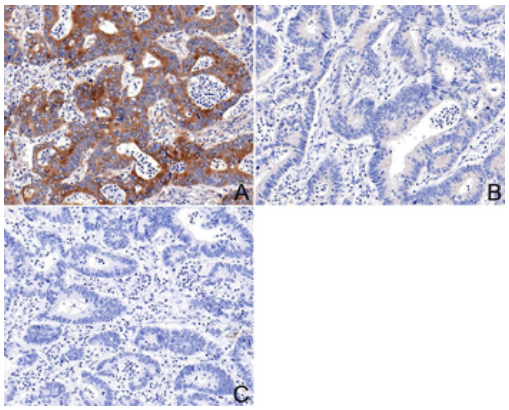
Biorbyt Ltd.
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0) 1223 859-353 | Fax: +1 (415) 651-8558

Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Uniprot ID	**P05198**
Dilution Range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:400-800, ICC/IF=1:50-200, IF=1:50-200
Expiration Date	12 months from date of receipt.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-Phospho-EIF2S1 (S51) antibody (orb1974725) at 1/200 dilution. A: Untreated human breast carcinoma tissue, B: λ-PPase treated human breast carcinoma tissue, C: Negative control, The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Phospho-EIF2S1 (S51) antibody (orb1974725) at 1/200 dilution. A: Untreated human colon carcinoma tissue, B: λ-PPase treated human colon carcinoma tissue, C: Negative control, The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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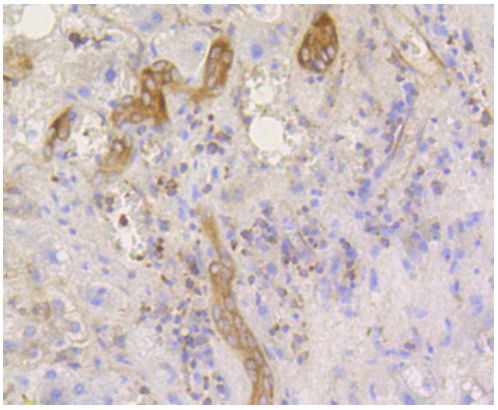
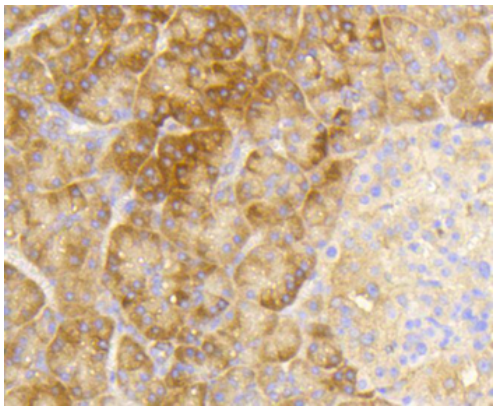
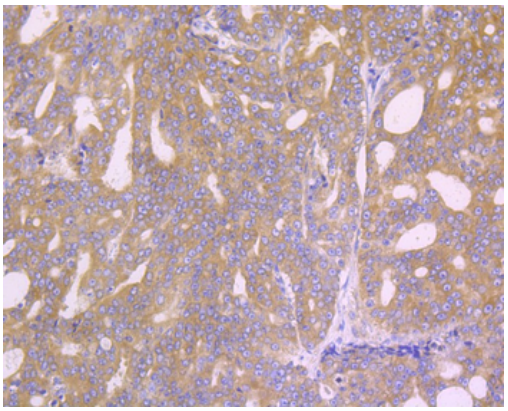


Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Phospho-EIF2S1 (S51) antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Phospho-EIF2S1 (S51) antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human prostate carcinoma tissue using anti-Phospho-EIF2S1 (S51) antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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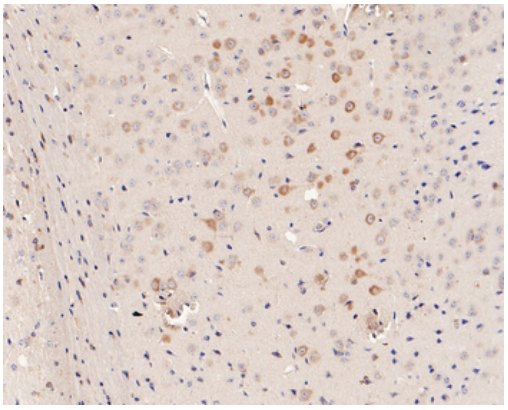
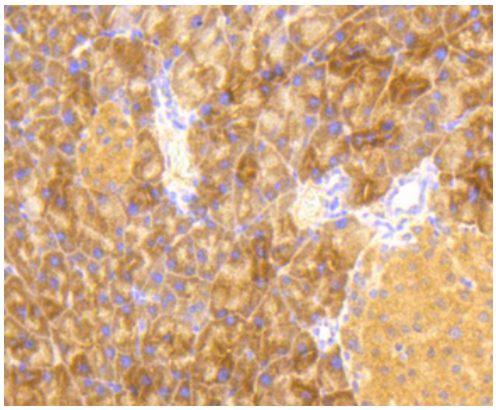
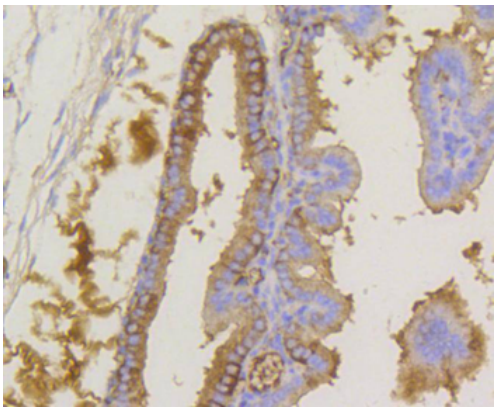


Immunohistochemical analysis of paraffin-embedded mouse brain tissue with Rabbit anti-Phospho-EIF2S1 (S51) antibody (orb1974725) at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue using anti-Phospho-EIF2S1 (S51) antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-Phospho-EIF2S1 (S51) antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (orb1974725, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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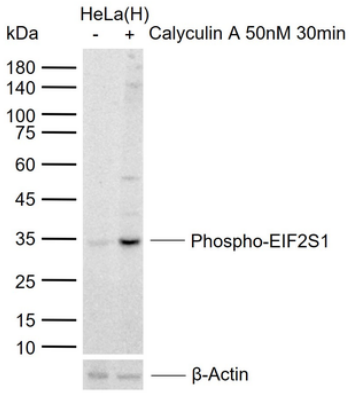

Sample: Lane 1: Human HeLa cell lysates, Lane 2: Human HeLa cells treated with Calyculin A 50nM 30 min, Primary: Anti-Phospho-EIF2S1 (Ser51) (orb1974725) at 1/2000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kDa, Observed band size: 35 kDa.

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