



elF4B (phospho Ser422) Polyclonal Antibody

Catalog No BYab-03533 Isotype IgG	
Isotype IgG	
2	
Reactivity Human; Mouse	
Applications WB;IHC;IF;ELISA	
Gene Name EIF4B	
Protein Name Eukaryotic translation initiation factor 4B	
Immunogen The antiserum was produced against synthesized peptide derived eIF4B around the phosphorylation site of Ser422. AA range:388-43	
Specificity Phospho-eIF4B (S422) Polyclonal Antibody detects endogenous le protein only when phosphorylated at S422.	evels of eIF4B
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodi	um azide.
Source Polyclonal, Rabbit,IgG	
Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.	
Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/30 Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tes applications.	0. ted in other
Concentration 1 mg/ml	
Purity ≥90%	
Storage Stability -20°C/1 year	
Synonyms EIF4B; Eukaryotic translation initiation factor 4B; eIF-4B	
Observed Band 80kD	
Cell Pathway cytosol,polysome,eukaryotic translation initiation factor 4F complex,dendrite,neuronal cell body,	
Tissue Specificity Adipose tissue,Brain,Cervix carcinoma,Epithelium,Liver,Lung	
function:Required for the binding of mRNA to ribosomes. Function association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170 subu	o of mRNA in ne
Background function:Required for the binding of mRNA to ribosomes. Function association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap presence of EIF-4F and ATP. Promotes the ATPase activity and the	o of mRNA in

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ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170 subunit.,

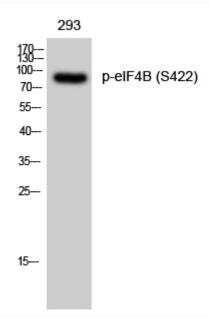
matters needing attention

Avoid repeated freezing and thawing!

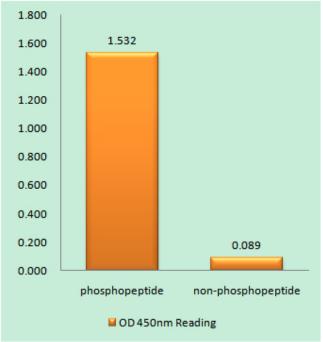
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of 293 cells using Phospho-eIF4B (S422) Polyclonal Antibody diluted at 1:2000



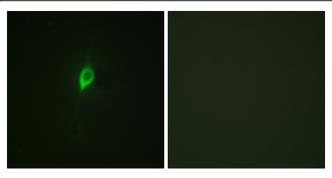
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using eIF4B (Phospho-Ser422) Antibody

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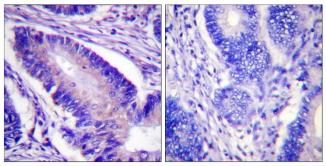
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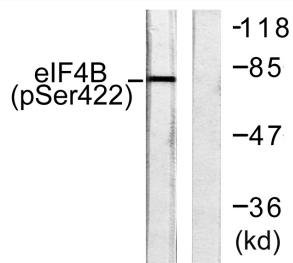




Immunofluorescence analysis of NIH/3T3 cells, using eIF4B (Phospho-Ser422) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using eIF4B (Phospho-Ser422) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells, using eIF4B (Phospho-Ser422) Antibody. The lane on the right is blocked with the phospho peptide.