

eIF4B(Phospho Ser422) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15387
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human eIF4B around the phosphorylation site of Ser422. AA range:388-437
Mol wt	69224
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Eukaryotic translation initiation factor 4B
Synonyms	Eukaryotic translation initiation factor 4B; EIF4B; Eukaryotic translation initiation factor 4B; eIF-4B

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170 subunit.,

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

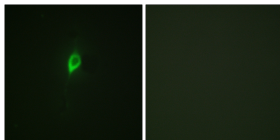
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

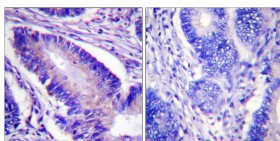
ELISA: 1: 40000

Not yet tested in other applications.

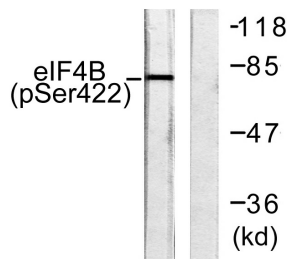
Images



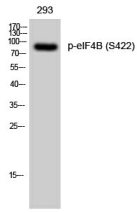
Immunofluorescence analysis of NIH/3T3 cells, using eIF4B (Phospho-Ser422) Antibody. The picture on the right is blocked with the phospho peptide.



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



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.

Storage

-20°C for 1 year

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