

Rabbit anti-Human, Mouse eIF4B Polyclonal Antibody | anti-eIF4B antibody

eIF4B (Phospho-Ser422) Antibody

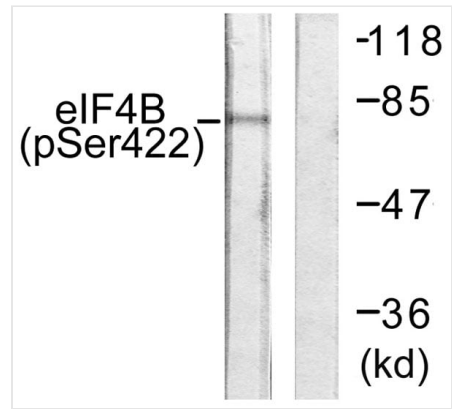
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316255	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

eIF4B; Polyclonal Antibody; eIF4B (Phospho-Ser422) Antibody; Eukaryotic translation initiation factor 4B; IF4B; eIF-4B; anti-eIF4B antibody

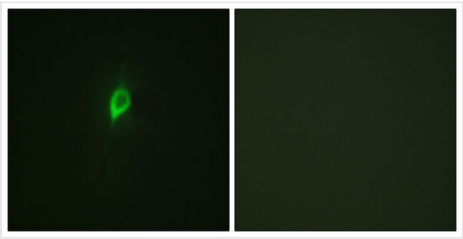
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	eIF4B (Phospho-Ser422) Antibody detects endogenous levels of eIF4B only when phosphorylated at Ser422.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-eIF4B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S422; M:S422
Immunogen	The antiserum was produced against synthesized peptide derived from human eIF4B around the phosphorylation site of Ser422.
Immunogen Range	388-437
Preparation and Storage	Stable at -20 degree C for at least 1 year.



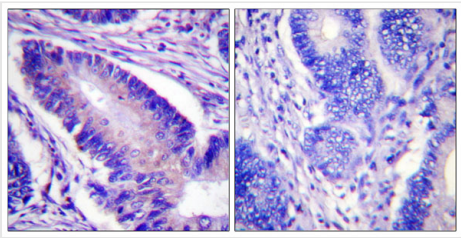
WB (Western Blot)

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.



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1061214101
NCBI GeneID	1975
NCBI Accession #	NP_001317583.1
NCBI GenBank Nucleotide #	NM_001330654.1
UniProt Accession #	P23588; Q4G0E3; Q53HQ2; Q6GPH5; Q6IB46; Q8WYK5; B4DS13
Molecular Weight	69 kDa
NCBI Official Full Name	eukaryotic translation initiation factor 4B isoform 3
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4B
NCBI Official Symbol	EIF4B
NCBI Official Synonym Symbols	EIF-4B; PRO1843
NCBI Protein Information	eukaryotic translation initiation factor 4B
UniProt Protein Name	Eukaryotic translation initiation factor 4B
UniProt Gene Name	EIF4B
UniProt Synonym Gene Names	eIF-4B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.