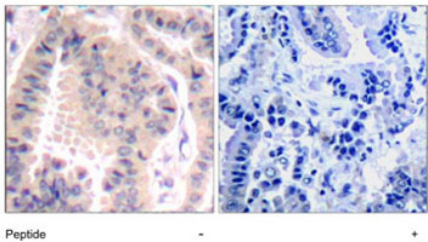


EIF4B polyclonal antibody

Catalog # PAB12256 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using EIF4B polyclonal antibody (Cat # PAB12256).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EIF4B.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding S422 of human EIF4B.
Sequence	TGSES
Host	Rabbit
Theoretical MW (kDa)	80
Reactivity	Human, Mouse
Specificity	eIF4B (Ab-422) Antibody detects endogenous levels of total Her3/ErbB3 protein
Form	Liquid
Purification	Immunoaffinity purification
Concentration	1 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using EIF4B polyclonal antibody (Cat # PAB12256).

Gene Info — EIF4B

Entrez GeneID	1975
Protein Accession#	P23588
Gene Name	EIF4B
Gene Alias	EIF-4B, PRO1843
Gene Description	eukaryotic translation initiation factor 4B
Omim ID	603928
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Regulation of translation initiation by FRAP/mTOR.](#)

Gingras AC, Raught B, Sonenberg N.

Genes & Development 2001 Apr; 15(7):807.

- [Protein synthesis and protein phosphorylation during heat stress, recovery, and adaptation.](#)

Duncan RF, Hershey JW.

The Journal of Cell Biology 1989 Oct; 109(4 Pt 1):1467.

Application: WB-Ce, Human, HeLa cells

- [Regulation of initiation factors during translational repression caused by serum depletion. Covalent modification.](#)

Duncan R, Hershey JW.

The Journal of Biological Chemistry 1985 May; 260(9):5493.

Application: WB-Ce, Human, HeLa cells

Pathway

- [mTOR signaling pathway](#)