

Rabbit anti-Human EIF2B1 Polyclonal Antibody | anti-EIF2B1 antibody

EIF2B1 Antibody

CATALOG # AAA323216	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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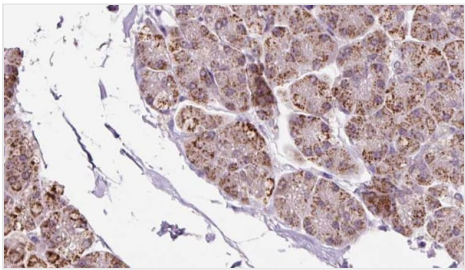
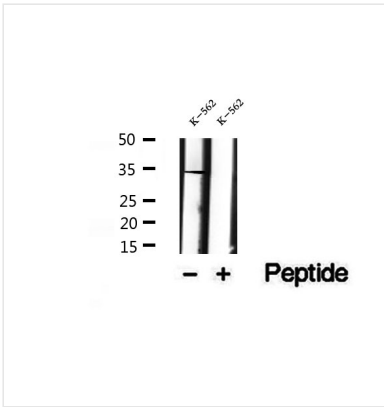
PRODUCT SYNONYMS

EIF2B1; Polyclonal Antibody; EIF2B1 Antibody; EI2BA_HUMAN; eIF-2B GDP-GTP exchange factor subunit alpha; EIF2B; Eif2b1; EIF2BA; Eukaryotic translation initiation factor 2B subunit 1 alpha 26kDa; Eukaryotic translation initiation factor 2B subunit alpha; Translation initiation factor eIF-2B subunit alpha; anti-EIF2B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	EIF2B1 antibody detects endogenous levels of EIF2B1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	305
Applicable Applications for anti-EIF2B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EIF2B1.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (92%), Chicken (92%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323216 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of K-562 cells, using EIF2B1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2B1 antibody	Function: Catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. Subunit Structure: Complex of five different subunits; alpha, beta, gamma, delta and epsilon. Similarity: Belongs to the eIF-2B alpha/beta/delta subunits family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503503
NCBI GeneID	1967
NCBI Accession #	NP_001405.1
NCBI GenBank Nucleotide #	NM_001414.3
UniProt Accession #	Q14232; Q3SXP4; A6NLY9; B4DGX0
Molecular Weight	Observed: 34 kDa Predicted: 34 kDa
NCBI Official Full Name	translation initiation factor eIF-2B subunit alpha
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2B subunit alpha
NCBI Official Symbol	EIF2B1
NCBI Official Synonym Symbols	EIF2B; EIF2BA
NCBI Protein Information	translation initiation factor eIF-2B subunit alpha
UniProt Protein Name	Translation initiation factor eIF-2B subunit alpha
UniProt Gene Name	EIF2B1
UniProt Synonym Gene Names	EIF2BA

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.