

Rabbit EIF2B4 Polyclonal Antibody | anti-EIF2B4 antibody

EIF2B4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325220	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

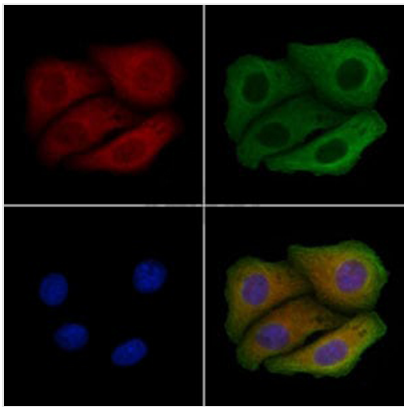
PRODUCT SYNONYMS

EIF2B4; Polyclonal Antibody; EIF2B4 Antibody; EI2BD_HUMAN; EIF 2B; eIF 2B GDP GTP exchange factor subunit delta; eIF-2B GDP-GTP exchange factor subunit delta; Eif2b4; EIF2Bdelta; eukaryotic translation initiation factor 2B subunit 4; Translation initiation factor eIF-2B subunit delta; anti-EIF2B4 antibody

PRODUCT SPECIFICATIONS

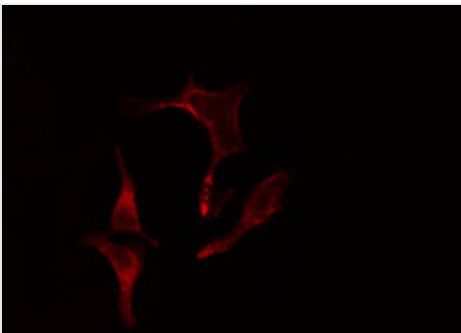
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EIF2B4 antibody detects endogenous levels of total EIF2B4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	523
Applicable Applications for anti-EIF2B4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EIF2B4, corresponding to a region within the internal amino acids.
Function	Catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP.
Similarity	Belongs to the eIF-2B alpha/beta/delta subunits family.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



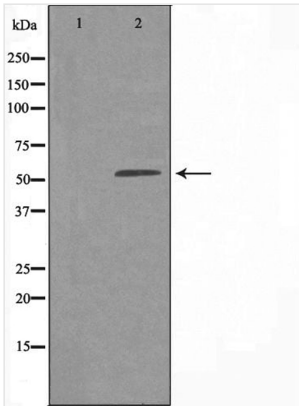
IF (Immunofluorescence)

AAA325220 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA325220) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IF (Immunofluorescence)

AAA325220 staining LOVO cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using EIF2B4 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2B4 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 #	78000158
NCBI GeneID	8890
NCBI Accession #	NP_001029288.1
NCBI GenBank Nucleotide #	NM_001034116.1
UniProt Accession #	Q9UI10; Q53RY7; Q5BJF4; Q9BUV9; Q9UBG4; Q9UIQ9; Q9UJ95
Molecular Weight	57 KD
NCBI Official Full Name	translation initiation factor eIF-2B subunit delta isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2B subunit delta

NCBI Official Symbol	EIF2B4
NCBI Official Synonym Symbols	EIF2B; EIF-2B; EIF2Bdelta
NCBI Protein Information	translation initiation factor eIF-2B subunit delta
UniProt Protein Name	Translation initiation factor eIF-2B subunit delta
UniProt Gene Name	EIF2B4
UniProt Synonym Gene Names	EIF2BD

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/eif2b4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325220>