

Rabbit EIF4E3 Polyclonal Antibody | anti-EIF4E3 antibody

EIF4E3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327574	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

EIF4E3; Polyclonal Antibody; EIF4E3 Antibody; anti-EIF4E3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EIF4E3 antibody detects endogenous levels of total EIF4E3
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	118
Applicable Applications for anti-EIF4E3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EIF4E3
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327574 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 EIF4E3 using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4E3 antibody	Function: Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis. May act as an inhibitor of EIF4E1 activity (By similarity). Subunit Structure: eIF4F is a multi-subunit complex, the composition of which varies with external and internal environmental conditions. It is composed of at least eIF4A, eIF4E and eIF4G (By similarity). EIF4E3 interacts with EIF4G1, but not with EIF4EBP1, EIF4EBP2 and EIF4EBP3 (By similarity). Similarity: Belongs to the eukaryotic initiation factor 4E family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197382649
NCBI GeneID	317649
NCBI Accession #	NP_001128121.1
NCBI GenBank Nucleotide #	NM_001134649.2
UniProt Accession #	Q8N5X7; Q6NUT1; B2R963
Molecular Weight	Observed: 24 kDa Predicted: 25 kDa
NCBI Official Full Name	eukaryotic translation initiation factor 4E type 3 isoform b
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E family member 3
NCBI Official Symbol	EIF4E3
NCBI Official Synonym Symbols	eIF-4E3; eIF4E-3
NCBI Protein Information	eukaryotic translation initiation factor 4E type 3
UniProt Protein Name	Eukaryotic translation initiation factor 4E type 3
UniProt Gene Name	EIF4E3
UniProt Synonym Gene Names	eIF-4E type 3; eIF-4E3; eIF4E type 3; eIF4E-3

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://stage.aaabiotech.com/polyclonal/eif4e3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327574>