

Rabbit eIF4ENIF1 Polyclonal Antibody | anti-EIF4ENIF1 antibody

eIF4ENIF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329053	Rabbit	Human, Mouse, Rat, Monkey Predicted Reactivity: Pig(100%), Zebrafish(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)	ELISA

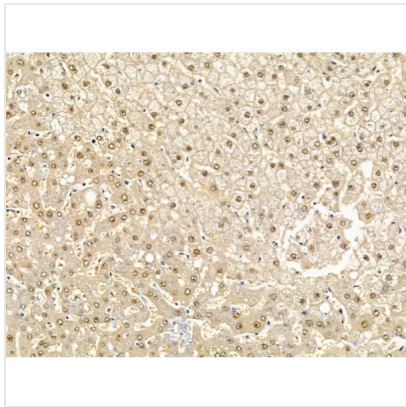
PRODUCT SYNONYMS

eIF4ENIF1; Polyclonal Antibody; eIF4ENIF1 Antibody; 2610509L04Rik; 4E T; 4E-T; 4ET; 4ET_HUMAN; A930019J01Rik; AA410001; AU021239; Clast 4; Clast4; D11Ert166e; eIF4E transporter; Eif4enif1; Eukaryotic translation initiation factor 4E nuclear import factor 1; Eukaryotic translation initiation factor 4E transporter; FLJ21601; FLJ26551; OTTMUSP00000000698; OTTMUSP000000005193; OTTMUSP000000005194; OTTMUSP000000036075; anti-EIF4ENIF1 antibody

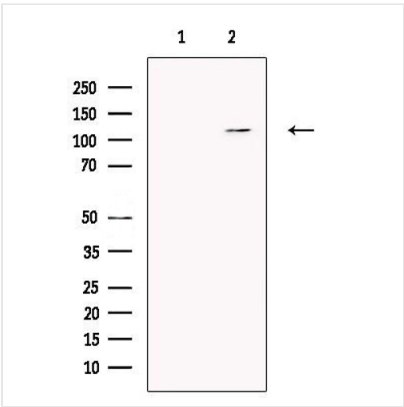
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted Reactivity: Pig(100%), Zebrafish(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	eIF4ENIF1 Antibody detects endogenous levels of total eIF4ENIF1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	436
Applicable Applications for anti-EIF4ENIF1 antibody	ELISA
Immunogen	A synthesized peptide derived from human eIF4ENIF1, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

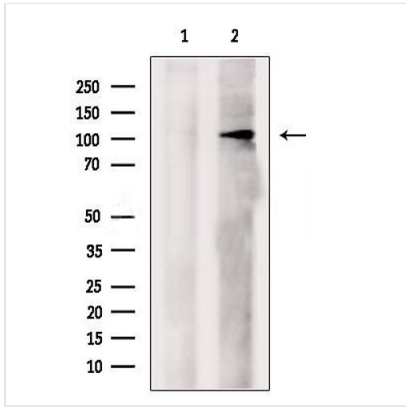
IMAGES



IHC (Immunohistochemistry)
AAA329053 at 1/100 staining Human mammary cancer 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from NIH3T3, using eIF4ENIF1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from COS-7, using eIF4ENIF1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-eIF4ENIF1 antibody	Function: Nucleoplasmic shuttling protein, which inhibits translation initiation. Mediates the nuclear import of EIF4E by a piggy-back mechanism.
	Subcellular Location: Cytoplasm. Nucleus. Nucleus>PML body. Nucleus speckle. Note: Predominantly cytoplasmic. Shuttles between the nucleus and the cytoplasm in a CRM1-dependent manner. Localization to nuclear foci and speckles requires active transcription.
	Tissue Specificity: Widely expressed.
	Subunit Structure: Interacts with EIF4E. Interacts with importin beta only in the presence of importin alpha, suggesting a direct interaction with importin alpha. Interacts with APOBEC3G in an RNA-dependent manner.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33877833
NCBI GeneID	56478
UniProt Accession #	Q9NRA8
Molecular Weight	Observed Molecular Weight: (Observed)108kD. Predicted Molecular Weight: (Calculated)108kDa.

NCBI Official Full Name	EIF4ENIF1 protein, partial
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E nuclear import factor 1
NCBI Official Symbol	EIF4ENIF1
NCBI Official Synonym Symbols	4E-T; Clast4
NCBI Protein Information	eukaryotic translation initiation factor 4E transporter
UniProt Protein Name	Eukaryotic translation initiation factor 4E transporter
UniProt Gene Name	EIF4ENIF1
UniProt Synonym Gene Names	4E-T
UniProt Entry Name	4ET_HUMAN

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/eif4enif1-antibody-elisa/329053>