

Rabbit EEF1D Polyclonal Antibody | anti-EEF1D antibody

EEF1D Antibody

CATALOG # AAA326723	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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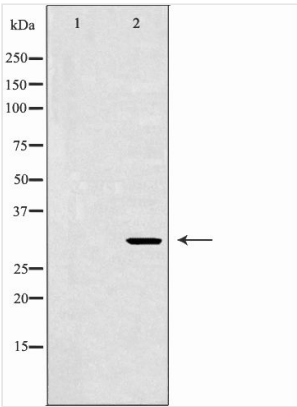
PRODUCT SYNONYMS

EEF1D; Polyclonal Antibody; EEF1D Antibody; Antigen NY CO 4; Antigen NY-CO-4; EEF 1D; EF 1 delta; EF 1D; EF-1-delta; EF1D; EF1D_HUMAN; Elongation factor 1 delta; Elongation factor 1-delta; eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein); Eukaryotic translation elongation factor 1 delta; FP1047; Guanine nucleotide exchange protein; anti-EEF1D antibody

PRODUCT SPECIFICATIONS

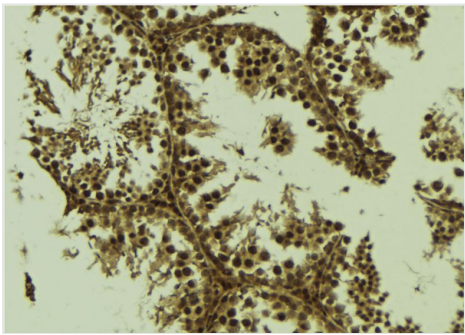
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EEF1D antibody detects endogenous levels of total EEF1D
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	647
Applicable Applications for anti-EEF1D antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EEF1D
Subcellular Location	Nucleus.
Tissue Specificity	Isoform 2 is specifically expressed in brain, cerebellum and testis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Mouse brain lysate, using EEF1D Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326723 at 1/100 staining Mouse testis 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.

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1D antibody

Description: This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit, delta, functions as guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.

Function: Isoform 1: EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP, regenerating EF-1-alpha for another round of transfer of aminoacyl-tRNAs to the ribosome.

Subunit Structure: EF-1 is composed of 4 subunits: alpha, beta, delta isoform 1, and gamma. Isoform 2 interacts with HSF1 and NFE2L2.

Similarity: Belongs to the EF-1-beta/EF-1-delta family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	304555583
NCBI GeneID	1936
NCBI Accession #	NP_001123525.2
NCBI GenBank Nucleotide #	NM_001130053.3
UniProt Accession #	P29692; Q4VBZ6; Q969J1; Q96I38; B4DDU4; D3DWK3; E9PBQ9
Molecular Weight	Observed: 31 kDa Predicted: 32 kDa
NCBI Official Full Name	elongation factor 1-delta isoform 1
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 delta
NCBI Official Symbol	EEF1D
NCBI Official Synonym Symbols	EF1D; EF-1D; FP1047
NCBI Protein Information	elongation factor 1-delta
UniProt Protein Name	Elongation factor 1-delta
UniProt Gene Name	EEF1D
UniProt Synonym Gene Names	EF1D; EF-1-delta

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/eef1d-antibody-immunohistochemistry-western-blot-elisa/326723>