

Rabbit EEF1A2 Polyclonal Antibody | anti-EEF1A2 antibody

EEF1A2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287162	Rabbit	Mouse (Predicted Reactivity: Bovine, Rabbit, Rat)	Immunohistochemistry, ELISA, Western Blot

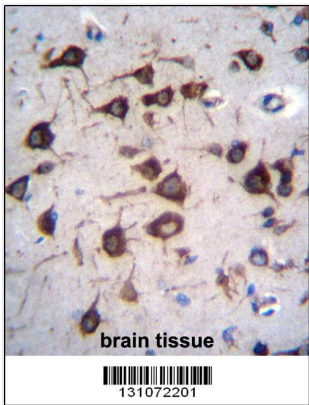
PRODUCT SYNONYMS

EEF1A2; Polyclonal Antibody; EEF1A2 Antibody (C-term); Elongation factor 1-alpha 2; EF-1-alpha-2; Eukaryotic elongation factor 1 A-2; eEF1A-2; Statin-S1; EEF1AL; STN; anti-EEF1A2 antibody

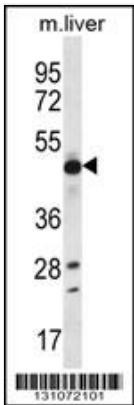
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EEF1A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 366-395 amino acids from the C-terminal region of human EEF1A2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Positions	366-395
Sequence Length	463
Applicable Applications for anti-EEF1A2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
EEF1A2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of EEF1A2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
EEF1A2 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the EEF1A2 antibody detected the EEF1A2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1A2 antibody	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-EEF1A2 antibody	Cancer
References	Zhang, Y., et al. J. Int. Med. Res. 38(3):1042-1048(2010) Li, Z., et al. PLoS ONE 5 (5), E10755 (2010) : Yanaka, N., et al. Biosci. Biotechnol. Biochem. 73(12):2809-2811(2009) Lee, M.H., et al. Ann. N. Y. Acad. Sci. 1171, 87-93 (2009) : Soares, D.C., et al. PLoS ONE 4 (7), E6315 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503475
NCBI GeneID	1917
NCBI Accession #	NP_001949.1
NCBI GenBank Nucleotide #	NM_001958.3
UniProt Accession #	Q05639; P54266; Q0VGC7; B5BUF3; E1P5J1
Molecular Weight	50470
NCBI Official Full Name	elongation factor 1-alpha 2
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 alpha 2
NCBI Official Symbol	EEF1A2
NCBI Official Synonym Symbols	HS1; STN; EF1A; STNL; MRD38; EEF1AL; EIEE33; EF-1-alpha-2
NCBI Protein Information	elongation factor 1-alpha 2

UniProt Protein Name	Elongation factor 1-alpha 2
UniProt Gene Name	EEF1A2
UniProt Synonym Gene Names	EEF1AL; STN; EF-1-alpha-2; eEF1A-2
UniProt Entry Name	EF1A2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ef1a2-antibody-immunohistochemistry-western-blot-elisa/287162>