

Rabbit EEF1A2 Polyclonal Antibody | anti-EEF1A2 antibody

EEF1A2 Antibody

CATALOG # AAA327978	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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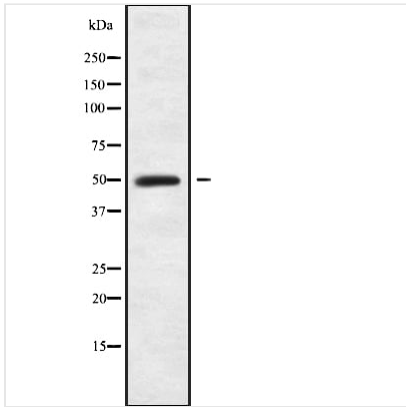
PRODUCT SYNONYMS

EEF1A2; Polyclonal Antibody; EEF1A2 Antibody; CCS3; eEF1A-1; eEF1A-2; EEF1A1; Eef1a2; EEF1AL; EF 1 alpha 2; EF-1-alpha-1; EF-1-alpha-2; EF-Tu; EF1A; EF1A1_HUMAN; EF1A2_HUMAN; Elongation factor 1 A 2; Elongation factor 1 alpha; Elongation factor 1 alpha 2; Elongation factor 1-alpha 1; Elongation factor 1-alpha 2; Elongation factor Tu; Eukaryotic elongation factor 1 A-1; Eukaryotic elongation factor 1 A-2; Eukaryotic translation elongation factor 1 alpha 2; GRAF 1EF; HS1; Leukocyte receptor cluster member 7; PTI1; Statin-S1; anti-EEF1A2 antibody

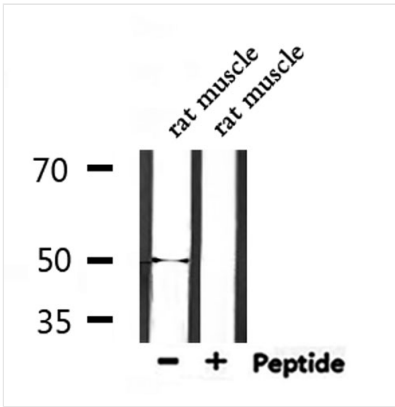
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EEF1A2 antibody detects endogenous levels of total EEF1A2
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	463
Applicable Applications for anti-EEF1A2 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human EEF1A2
Subcellular Location	Nucleus.
Tissue Specificity	Brain, heart, and skeletal muscle.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (100%), Xenopus (91%)
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 EEF1A2 using COLO205 whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from rat muscle, using EEF1A2 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1A2 antibody	Function: This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. Subunit Structure: Monomer. Post-translational Modifications: Trimethylated at Lys-165 by EEF1AKMT3 (PubMed:28108655). Mono-, di-, and trimethylated at Lys-36 by EEF1AKMT4; trimethylated form is predominant. Methylation by EEF1AKMT4 contributes to the fine-tuning of translation rates for a subset of tRNAs (PubMed:28520920). Similarity: Belongs to the TRAFAC class translation factor GTPase superfamily. Classic translation factor GTPase family. EF-Tu/EF-1A subfamily.
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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	Observed: 50 kDa Predicted: 51 kDa
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

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.