

Rabbit anti-Human, Mouse Eukaryotic Translation Elongation Factor 1 Alpha 1 Polyclonal Antibody | anti-EEF1a1 antibody

Eukaryotic Translation Elongation Factor 1 Alpha 1 (EEF1a1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21009	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Eukaryotic Translation Elongation Factor 1 Alpha 1; Polyclonal Antibody; Eukaryotic Translation Elongation Factor 1 Alpha 1 (EEF1a1) Polyclonal Antibody; CCS-3; CCS3; EEF-1; EEF1A; EF-Tu; EF1A; FLJ25721; GRAF-1EF; LENG7; PTI1; eEF1A-1; Leukocyte Receptor Cluster(LRC)Member 7; Elongation factor Tu; anti-EEF1a1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against EEF1a1. It has been selected for its ability to recognize EEF1a1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-EEF1a1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Human
Fragment	EEF1a1 (Met1~Pro241)
Quality Control	Content: The quality control contains recombinant EEF1a1 (Met1~Pro241) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: EEF1a1 knockout Jurkat cell lysate; Predicted MW: 48,50kd Observed MW: 50kd Primary Ab: 1ug/ml Rabbit Anti-Human EEF1a1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Hela Cells; Lane2: Human Jurkat Cells; Lane3: Mouse Heart Tissue; Lane4: Mouse Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EEF1a1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503471
NCBI GeneID	1915
NCBI Accession #	NP_001393.1
NCBI GenBank Nucleotide #	NM_001402.5
UniProt Accession #	P68104; P04719; P04720; Q6IQ15
Molecular Weight	47,869 Da
NCBI Official Full Name	elongation factor 1-alpha 1
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 alpha 1
NCBI Official Symbol	EEF1A1
NCBI Official Synonym Symbols	CCS3; EF1A; PTI1; CCS-3; EE1A1; EEF-1; EEF1A; EF-Tu; LENG7; eEF1A-1; GRAF-1EF; HNGC:16303
NCBI Protein Information	elongation factor 1-alpha 1
UniProt Protein Name	Elongation factor 1-alpha 1
UniProt Gene Name	EEF1A1
UniProt Synonym Gene Names	EEF1A; EF1A; LENG7; EF-1-alpha-1; EF-Tu; eEF1A-1

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/eukaryotic-translation-elongation-factor-1-alpha-1-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/21009>