

Rabbit EEF1E1 Polyclonal Antibody | anti-EEF1E1 antibody

EEF1E1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201136	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

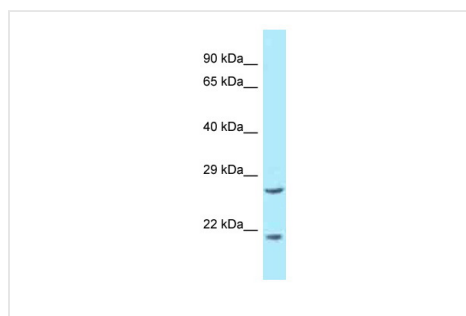
PRODUCT SYNONYMS

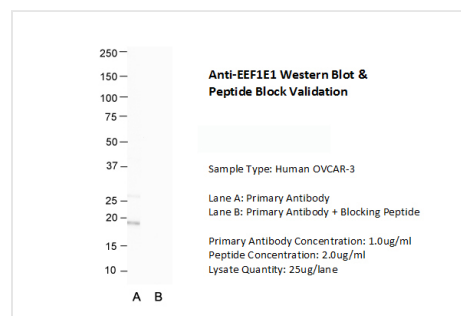
EEF1E1; Polyclonal Antibody; EEF1E1 antibody - N-terminal region; anti-EEF1E1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IP VLQTNNGPSL TGLTTIAAHL VKQANKEYLL GSTAEKAI VQQWLEYRV
Sequence Length	174
Applicable Applications for anti-EEF1E1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 86%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-EEF1E1 Antibody Titration: 1.0 ug/ml
Positive Control: OVCAR-3 Whole Cell

WB (Western Blot)

Host: Rabbit
Target Name: EEF1E1
Sample Type: Human OVCAR-3
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1.0 ug/ml
Peptide Concentration: 2.0 ug/ml
Lysate Quantity: 25 ug/lane

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1E1 antibody	This is a rabbit polyclonal antibody against EEF1E1. It was validated on Western Blot Target Description: This gene encodes a multifunctional protein that localizes to both the cytoplasm and nucleus. In the cytoplasm, the encoded protein is an auxiliary component of the macromolecular aminoacyl-tRNA synthase complex. However, its mouse homolog has been shown to translocate to the nucleus in response to DNA damage, and it plays a positive role in ATM/ATR-mediated p53 activation. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream MUTED (muted homolog) gene. An EEF1E1-related pseudogene has been identified on chromosome 2.
Product Categories/Family for anti-EEF1E1 antibody	Polyclonal; RNA Binding Proteins; Signaling Intermediate; DNA Damage & Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758862
NCBI GeneID	9521
NCBI Accession #	NP_004271
NCBI GenBank Nucleotide #	NM_004280
UniProt Accession #	O43324
Molecular Weight	19kDa
NCBI Official Full Name	eukaryotic translation elongation factor 1 epsilon-1 isoform 1
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 epsilon 1
NCBI Official Symbol	EEF1E1
NCBI Official Synonym Symbols	P18; AIMP3
NCBI Protein Information	eukaryotic translation elongation factor 1 epsilon-1
UniProt Protein Name	Eukaryotic translation elongation factor 1 epsilon-1
UniProt Gene Name	EEF1E1
UniProt Synonym Gene Names	AIMP3; P18
UniProt Entry Name	MCA3_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/eef1e1-antibody-western-blot-elisa/201136>