Rabbit anti-Human, Mouse EEF1E1 Polyclonal Antibody | anti-EEF1E1 antibody

EEF1E1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176205	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

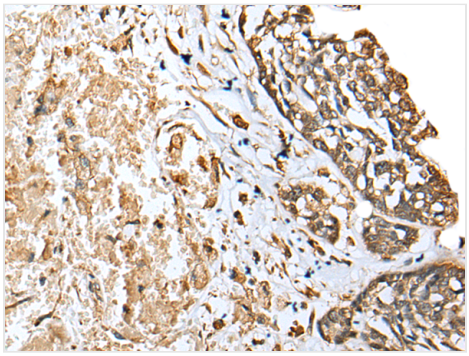
PRODUCT SYNONYMS

EEF1E1; Polyclonal Antibody; EEF1E1 Polyclonal Antibody; AIMP 3; AIMP3; Aminoacyl tRNA synthetase complex interacting multifunctional protein 3; Aminoacyl tRNA synthetase complex-interacting multifunctional protein 3; ARS interacting multifunctional protein 3; Elongation factor p18; Eukaryotic translation elongation factor 1 epsilon 1; Eukaryotic translation elongation factor 1 epsilon-1; Homolog of rat elongation factor p18; MCA3; Multisynthase complex auxiliary component p18; Multisynthetase complex auxiliary component p18; P18; P18 component of aminoacyl tRNA synthetase complex; anti-EEF1E1 antibody

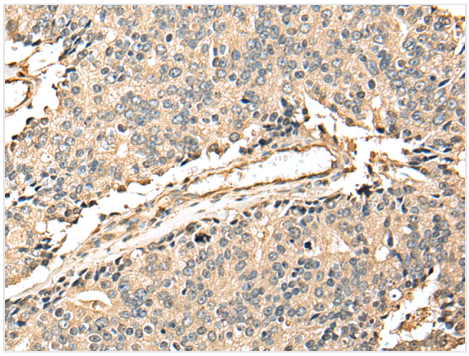
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.8mg/mL (varies by lot)
Sequence Length	174
Applicable Applications for anti-EEF1E1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

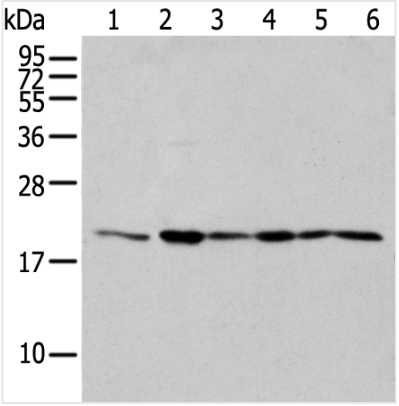
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using EEF1E1 Polyclonal Antibody at dilution of 1:25(×200



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prost at e cancer tissue using EEF1E1 Polyclonal Antibody at dilution of 1:25(×200



WB (Western Blot)
Western blot analysis of 293T cell Human testis tissue Jurkat and A549 cell using EEF1E1 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1E1 antibody	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	Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	17378996
NCBI GeneID	9521
UniProt Accession #	O43324
Molecular Weight	20 kDa
NCBI Official Full Name	Eukaryotic translation elongation factor 1 epsilon-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-immunohistochemistry-western-blot-elisa/176205