

Rabbit EIF3E Polyclonal Antibody | anti-EIF3E antibody

EIF3E antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199879	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

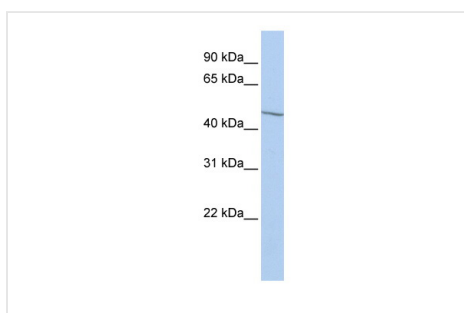
PRODUCT SYNONYMS

EIF3E; Polyclonal Antibody; EIF3E antibody - middle region; anti-EIF3E antibody

PRODUCT SPECIFICATIONS

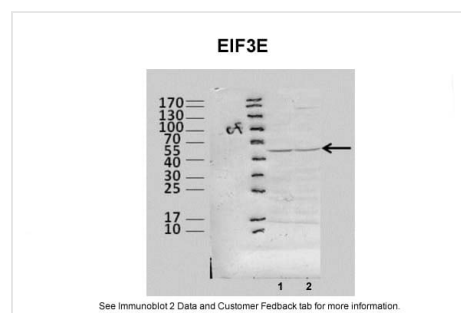
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LN MTPEEAERWI VNLIRNARLD AKIDSKLGHV VMGNNVSPY QQVIEKTK
Sequence Length	445
Applicable Applications for anti-EIF3E antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EIF3E
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



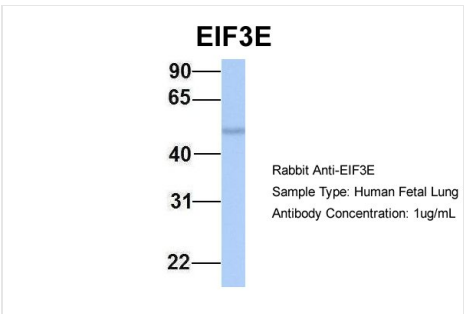
WB (Western Blot)

WB Suggested Anti-EIF3E Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:62500
 Positive Control: HepG2 cell lysate



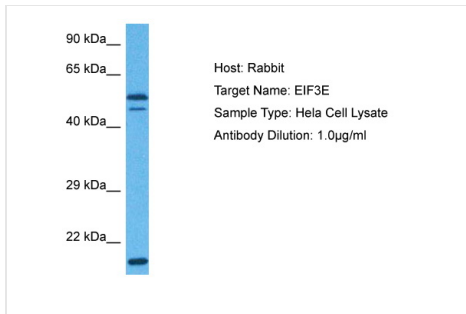
WB (Western Blot)

Sample Type: 1. B8 mouse fibroblast cells, extraction only
 2. Human total cell extract
 Primary Dilution: 1:1000
 Secondary Antibody: HRP conjugated anti-rabbit
 Image Submitted By: Dr. Elah Pick
 University of Haifa at Oranim



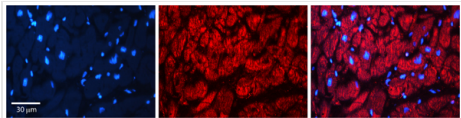
WB (Western Blot)

Host: Rabbit Target Name: EIF3E Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: EIF3E Sample Tissue: Human Hela Whole Cell Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-EIF3E Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic, nucleus Primary Antibody Concentration: 1:100 Other
Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary
Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3E antibody	This is a rabbit polyclonal antibody against EIF3E. It was validated on Western Blot using a cell lysate as a positive control. Target Description: EIF3E belongs to the eIF-3 subunit E family. It is a component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. EIF3E is required for nonsense-mediated mRNA decay (NMD); It may act in conjunction with UPF2 to divert mRNAs from translation to the NMD pathway. The protein may interact with MCM7 and EPAS1 and regulate the proteasome-mediated degradation of these proteins.
Product Categories/Family for anti-EIF3E antibody	Polyclonal; Drugs and Drug Metabolism; Hepatitis C

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503521
NCBI GeneID	3646
NCBI Accession #	NP_001559
NCBI GenBank Nucleotide #	NM_001568
UniProt Accession #	P60228
Molecular Weight	52kDa
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit E
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit E
NCBI Official Symbol	EIF3E
NCBI Official Synonym Symbols	INT6; EIF3S6; EIF3-P48; eIF3-p46
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit E
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit E
UniProt Gene Name	EIF3E

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/eif3e-antibody-immunohistochemistry-western-blot-elisa/199879>