

Rabbit EIF3E Polyclonal Antibody | anti-EIF3E antibody

EIF3E antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199878	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

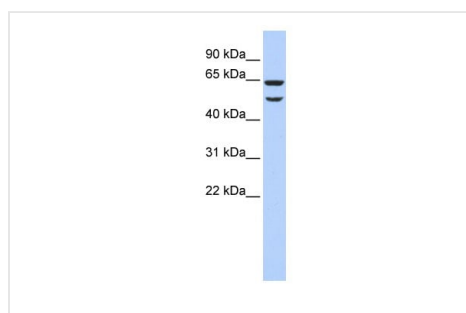
PRODUCT SYNONYMS

EIF3E; Polyclonal Antibody; EIF3E antibody - N-terminal region; anti-EIF3E antibody

PRODUCT SPECIFICATIONS

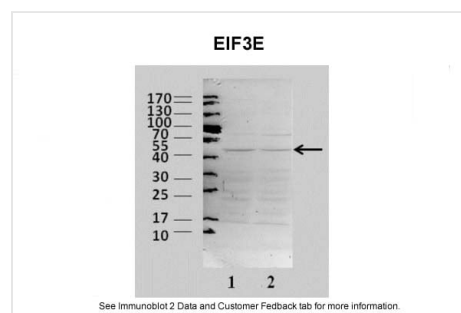
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EL LQGKDLLSD TNMVDFAMDV YKNLYSDDIP HALREKRTTV VAQLKQLQ
Sequence Length	445
Applicable Applications for anti-EIF3E antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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



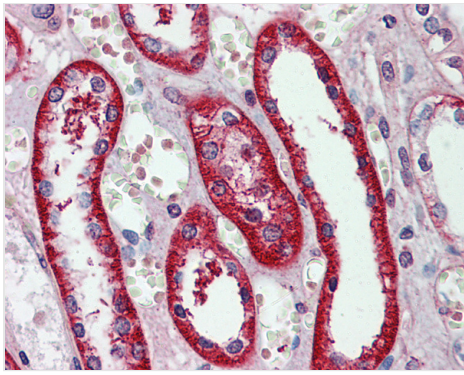
WB (Western Blot)

WB Suggested Anti-EIF3E Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:312500
 Positive Control: 293T cell lysate
 EIF3E is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

EIF3E antibody - N-terminal region validated by WB using B8 mouse cells and HEK293 human cells at 1: 1,000.



IHC (Immunohistochemistry)
Kidney

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; Transcription Factor; Signal Proteins; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry

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
UniProt Entry Name	EIF3E_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.