

Rabbit EIF3I Polyclonal Antibody | anti-EIF3I antibody

EIF3I antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201308	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

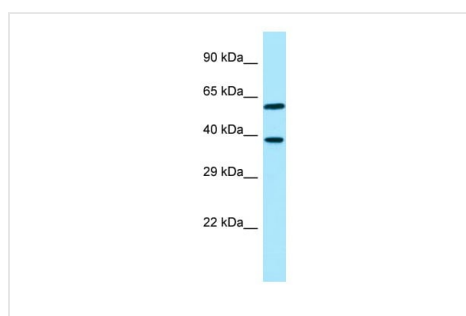
PRODUCT SYNONYMS

EIF3I; Polyclonal Antibody; EIF3I antibody - middle region; anti-EIF3I antibody

PRODUCT SPECIFICATIONS

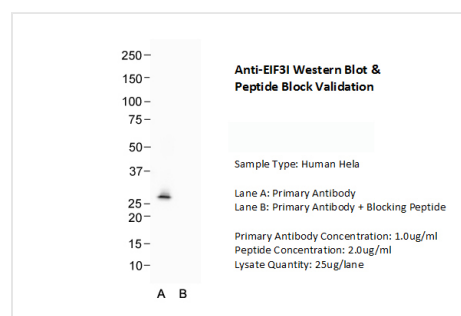
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RD PSQIDNNEPY MKIPCNSDKI TSAVWGPLGE CIAGHESGE LNQYSAKS
Sequence Length	325
Applicable Applications for anti-EIF3I antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%
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-EIF3I Antibody Titration: 1.0 ug/ml
Positive Control: HeLa Whole Cell
EIF3I is supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

Host: Rabbit
Target Name: EIF3I
Sample Type: Human HeLa
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-EIF3I antibody	This is a rabbit polyclonal antibody against EIF3I. It was validated on Western Blot Target Description: EIF3I 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. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.
Product Categories/Family for anti-EIF3I antibody	Polyclonal; Transcription Factor; Drugs and Drug Metabolism; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503513
NCBI GeneID	8668
NCBI Accession #	NP_003748
NCBI GenBank Nucleotide #	NM_003757
UniProt Accession #	Q13347
Molecular Weight	36kDa
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit I
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit I
NCBI Official Symbol	EIF3I
NCBI Official Synonym Symbols	TRIP1; EIF3S2; TRIP-1; PRO2242; eIF3-p36; eIF3-beta
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit I
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit I
UniProt Gene Name	EIF3I
UniProt Entry Name	EIF3I_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/eif3i-antibody-western-blot-elisa/201308>