

Rabbit EIF4E2 Polyclonal Antibody | anti-EIF4E2 antibody

EIF4E2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200871	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

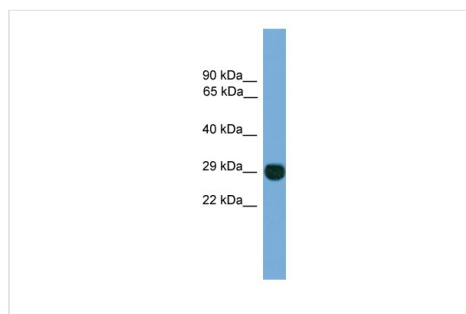
PRODUCT SYNONYMS

EIF4E2; Polyclonal Antibody; EIF4E2 antibody - N-terminal region; anti-EIF4E2 antibody

PRODUCT SPECIFICATIONS

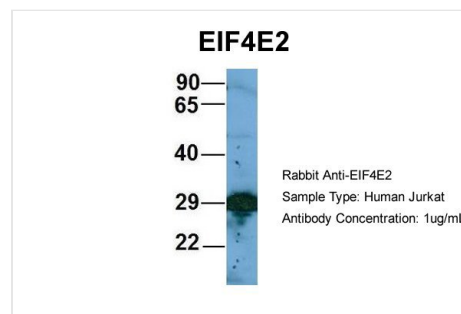
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MN NKFDALKDDD SGDHDQNEEN STQKDGEKEK TERDKNQSSS KRKAVVPG
Sequence Length	245
Applicable Applications for anti-EIF4E2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Horse: 85%; Human: 100%; Mouse: 79%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF4E2
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



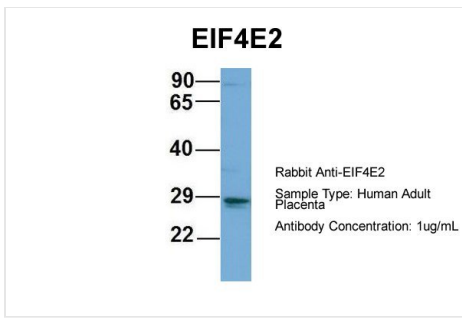
WB (Western Blot)

WB Suggested Anti-EIF4E2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: MCF7 cell lysate
EIF4E2 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells



WB (Western Blot)

Host: Rabbit
Target Name: EIF4E2
Sample Type: Human Jurkat
Antibody Dilution: 1.0ug/ml
There is BioGPS gene expression data showing that EIF4E2 is expressed in Jurkat



WB (Western Blot)

Host: Rabbit Target Name: EIF4E2 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4E2 antibody	This is a rabbit polyclonal antibody against EIF4E2. It was validated on Western Blot Target Description: EIF4E2 belongs to the eukaryotic initiation factor 4E family. It recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures.
Product Categories/Family for anti-EIF4E2 antibody	Polyclonal; RNA Binding Proteins; Cell Biology; E3 & Ubiquitin; Membrane & Traffic; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757702
NCBI GeneID	9470
NCBI Accession #	NP_004837
NCBI GenBank Nucleotide #	NM_004846
UniProt Accession #	O60573
Molecular Weight	28kDa
NCBI Official Full Name	eukaryotic translation initiation factor 4E type 2 isoform A
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E family member 2
NCBI Official Symbol	EIF4E2
NCBI Official Synonym Symbols	4EHP; IF4e; 4E-LP; h4EHP; EIF4EL3
NCBI Protein Information	eukaryotic translation initiation factor 4E type 2
UniProt Protein Name	Eukaryotic translation initiation factor 4E type 2
UniProt Gene Name	EIF4E2
UniProt Synonym Gene Names	EIF4EL3; eIF-4E type 2; eIF4E type 2
UniProt Entry Name	IF4E2_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/eif4e2-antibody-western-blot-elisa/200871>