

Rabbit anti-Human EIF4EBP1 Polyclonal Antibody | anti-EIF4EBP1 antibody

EIF4EBP1 Antibody - C-terminal region

CATALOG # AAA201516	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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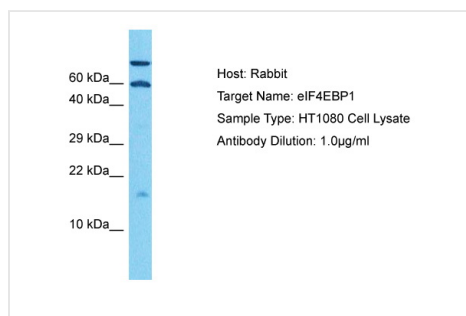
PRODUCT SYNONYMS

EIF4EBP1; Polyclonal Antibody; EIF4EBP1 Antibody - C-terminal region; anti-EIF4EBP1 antibody

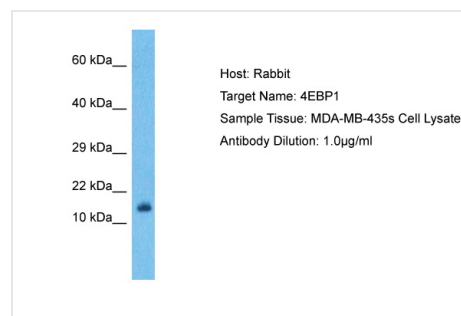
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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: NS PVTKTPPRDL PTIPGVTSPS SDEPPMEASQ SHLRNSPEDK RAGGEESQ
Sequence Length	118
Applicable Applications for anti-EIF4EBP1 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human 4EBP1
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)

Host: Rabbit Target Name: eIF4EBP1 Sample Tissue: Human HT1080 Whole Cell Antibody Dilution: 1 µg/ml


WB (Western Blot)

Host: Rabbit Target Name: 4EBP1 Sample Type: MDA-MB-435s Whole Cell lysates Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4EBP1 antibody	This is a rabbit polyclonal antibody against 4EBP1. It was validated on Western Blot Target Description: This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation.
Product Categories/Family for anti-EIF4EBP1 antibody	Polyclonal; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758258
NCBI GeneID	1978
NCBI Accession #	NP_004086
NCBI GenBank Nucleotide #	NM_004095.4
UniProt Accession #	Q13541
Molecular Weight	12kDa
NCBI Official Full Name	eukaryotic translation initiation factor 4E-binding protein 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E binding protein 1
NCBI Official Symbol	EIF4EBP1
NCBI Official Synonym Symbols	BP-1; 4EBP1; 4E-BP1; PHAS-I
NCBI Protein Information	eukaryotic translation initiation factor 4E-binding protein 1
UniProt Protein Name	Eukaryotic translation initiation factor 4E-binding protein 1
UniProt Gene Name	EIF4EBP1
UniProt Synonym Gene Names	4E-BP1; eIF4E-binding protein 1; PHAS-I
UniProt Entry Name	4EBP1_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://www.aaabiotech.com/polyclonal/eif4ebp1-antibody-western-blot-elisa/201516>