

Rabbit 4EBP1 Polyclonal Antibody | anti-EIF4EBP1 antibody

Anti-4EBP1 (pT46) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259949	Rabbit	Human, Mouse, Rat, Bovine, Porcine, Zebrafish	Immunohistochemistry, Western Blot

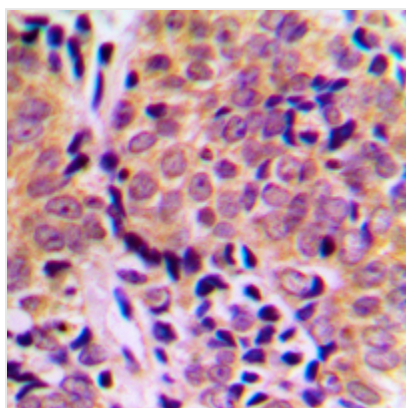
PRODUCT SYNONYMS

4EBP1; Polyclonal Antibody; Anti-4EBP1 (pT46) Phospho Antibody; Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1; PHAS-I; anti-EIF4EBP1 antibody

PRODUCT SPECIFICATIONS

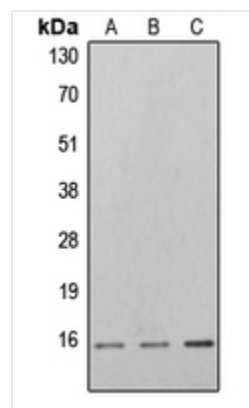
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Porcine, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of 4EBP1 protein only when phosphorylated at T46
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	118
Applicable Applications for anti-EIF4EBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human 4EBP1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of 4EBP1 (pT46) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of 4EBP1 (pT46) expression in K562 PMA-treated (A), NIH3T3 PMA-treated (B), PC12 PMA-treated (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4EBP1 antibody	Rabbit polyclonal antibody to 4EBP1 (pT46)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758258
NCBI GeneID	1978
NCBI Accession #	NP_004086.1
NCBI GenBank Nucleotide #	NM_004095.3
UniProt Accession #	Q13541; Q6IBN3; B2R502; D3DSW8
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://stage.aaabiotech.com/polyclonal/4ebp1-antibody-immunohistochemistry-western-blot-elisa/259949>