

Rabbit EIF4EBP1 Polyclonal Antibody | anti-EIF4EBP1 antibody

Phospho-EIF4EBP1 (Ser64) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243239	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

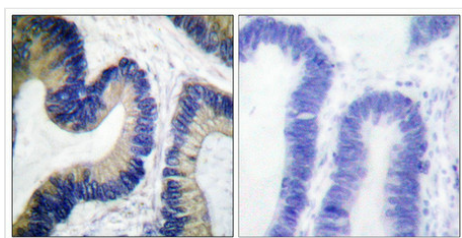
PRODUCT SYNONYMS

EIF4EBP1; Polyclonal Antibody; Phospho-EIF4EBP1 (Ser64) Antibody; 4EBP1; Eukaryotic Translation initiation factor 4E binding protein 1; Insulin-stimulated EIF-4E binding protein PHAS-I; P/OKCL.6; PHAS-1; PHAS-; anti-EIF4EBP1 antibody

PRODUCT SPECIFICATIONS

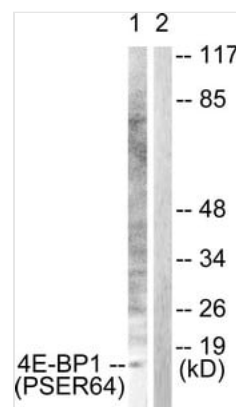
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-EIF4EBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 64 (R-N-S(p)-P-V) derived from Human 4E-BP1.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using 4E-BP1 (Phospho-Ser64) antibody. The picture on the right is treated with the synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, treated with Insulin (0.01U/ml, 15mins), using 4E-BP1 (Phospho-Ser64) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EIF4EBP1 antibody	Epigenetics and Nuclear Signaling
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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
Molecular Weight	12,580 Da
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; eIF4E-binding protein 1; phosphorylated heat- and acid-stable protein regulated by insulin 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/eif4ebp1-antibody-immunohistochemistry-western-blot-elisa/243239>