

Rabbit anti-Mouse, Rat 4E-BP1 Polyclonal Antibody | anti-4E-BP1 antibody

4E-BP1 (Phospho-Thr69) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316125	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

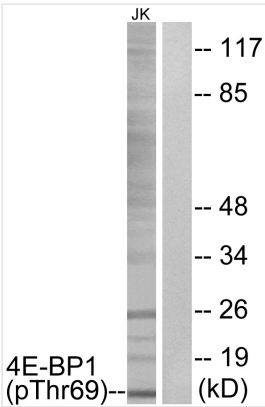
PRODUCT SYNONYMS

4E-BP1; Polyclonal Antibody; 4E-BP1 (Phospho-Thr69) Antibody; 4EBP1; EIF4EBP1; Eukaryotic translation initiation factor 4E binding protein 1; Insulin-stimulated EIF-4E binding protein PHAS-I; P/OKCL6; PHAS-1; PHAS-I; anti-4E-BP1 antibody

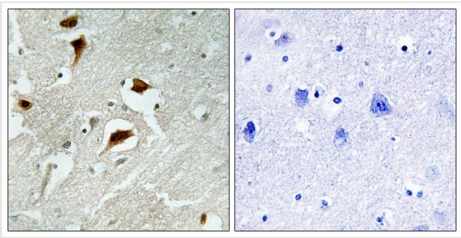
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	4E-BP1 (Phospho-Thr69) Antibody detects endogenous levels of 4E-BP1 only when phosphorylated at Thr69.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	117
Applicable Applications for anti-4E-BP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	M:T69; R:T69
Immunogen	The antiserum was produced against synthesized peptide derived from mouse 4E-BP1 around the phosphorylation site of Thr69.
Immunogen Range	35-84
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from Jurkat cells treated with EGF 200ng/ml 30', using 4E-BP1 (Phospho-Thr69) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain carcinoma, using 4E-BP1 (Phospho-Thr69) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937368
NCBI GeneID	13685
NCBI Accession #	NP_031944.3
NCBI GenBank Nucleotide #	NM_007918.3
UniProt Accession #	Q60876; Q3TDS8; Q9CZ40
Molecular Weight	12 kDa
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	4e-bp1; PHAS-I; AA959816
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

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.