

Rabbit EIF4EBP1/4EBP1 Polyclonal Antibody | anti-EIF4EBP1/4EBP1 antibody

Anti-EIF4EBP1/4EBP1 Antibody (aa35-84)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162303	Rabbit	MousePredicted: Rat, Human	Western Blot, Immunohistochemistry, ELISA

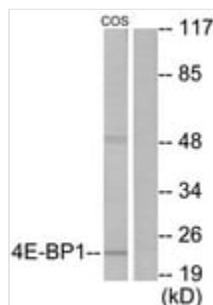
PRODUCT SYNONYMS

EIF4EBP1/4EBP1; Polyclonal Antibody; Anti-EIF4EBP1/4EBP1 Antibody (aa35-84); Rabbit Polyclonal (IgG) to Mouse EIF4EBP1/4EBP1; EIF4EBP1; 4E-BP1; 4EBP1; BP-1; PHAS-I; EIF4E-binding protein 1; anti-EIF4EBP1/4EBP1 antibody

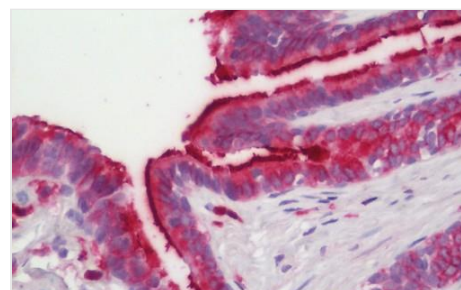
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse Predicted: Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	4E-BP1 Antibody detects endogenous levels of total 4E-BP1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Sequence Length	118
Applicable Applications for anti-EIF4EBP1/4EBP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide from mouse 4E-BP1 (aa35-84).
Conjugation	Unconjugated
Epitope	aa35-84
Preparation and Storage	Store at -20 degree C for up to one year.

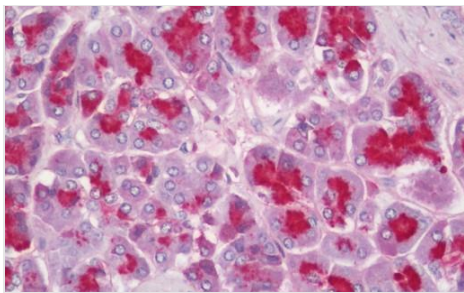
IMAGES


WB (Western Blot)

Western blot of extracts from COS7 cells, treated with EGF 200 ng/ml 30', using 4E-BP1 Antibody. The lane on the right is treated with the synthesized peptide.


IHC (Immunohistochemistry)

Human Lung: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4EBP1/4EBP1 antibody	EIF4EBP1/4EBP1 is 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.
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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
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.