

Rabbit anti-Human EIF4E2 Polyclonal Antibody | anti-EIF4E2 antibody

EIF4E2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285847	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

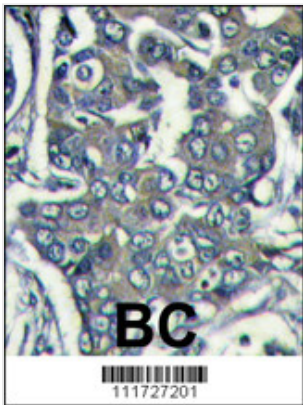
PRODUCT SYNONYMS

EIF4E2; Polyclonal Antibody; EIF4E2 Antibody (N-term); Eukaryotic translation initiation factor 4E type 2; eIF-4E type 2; eIF4E type 2; Eukaryotic translation initiation factor 4E homologous protein; Eukaryotic translation initiation factor 4E-like 3; eIF4E-like protein 4E-LP; mRNA cap-binding protein 4EHP; mRNA cap-binding protein type 3; EIF4EL3; anti-EIF4E2 antibody

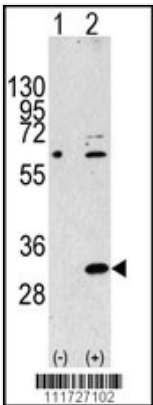
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF4E2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-41 amino acids from the N-terminal region of human EIF4E2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	12-41
Sequence Length	245
Applicable Applications for anti-EIF4E2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with EIF4E2 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of EIF4E2 Antibody (N-term) polyclonal antibody (arrow). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EIF4E2 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4E2 antibody	EIF4E2 is expressed exclusively in the cytoplasm. This protein recognizes and binds the 7 methylguanosine containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures.
References	Rom, E., et al., J. Biol. Chem. 273(21):13104-13109 (1998). Mao, M., et al., Proc. Natl. Acad. Sci. U.S.A. 95(14):8175-8180 (1998). Tee, A.R., et al., FEBS Lett. 564 (1-2), 58-62 (2004) (): ().

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757702
NCBI GeneID	9470
NCBI Accession #	NP_004837.1
NCBI GenBank Nucleotide #	NM_004846.3
UniProt Accession #	O60573; O75349; B8ZZJ9
Molecular Weight	28362
NCBI Official Full Name	eukaryotic translation initiation factor 4E type 2 isoform A
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E family member 2
NCBI Official Symbol	EIF4E2
NCBI Official Synonym Symbols	4EHP; IF4e; 4E-LP; EIF4EL3
NCBI Protein Information	eukaryotic translation initiation factor 4E type 2
UniProt Protein Name	Eukaryotic translation initiation factor 4E type 2
UniProt Gene Name	EIF4E2
UniProt Synonym Gene Names	EIF4EL3; eIF-4E type 2; eIF4E type 2
UniProt Entry Name	IF4E2_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.

