

Mouse EIF4E Monoclonal Antibody | anti-EIF4E antibody

EIF4E antibody

CATALOG # AAA224753	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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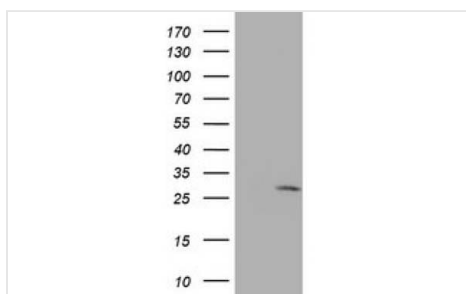
PRODUCT SYNONYMS

EIF4E; Monoclonal Antibody; EIF4E antibody; Mouse monoclonal EIF4E antibody; Monoclonal EIF4E antibody; Anti-EIF4E antibody; CBP antibody; EIF4E1 antibody; EIF4EL1 antibody; EIF4F antibody; MGC111573 antibody; EIF4; EIF4-4; EIF4 antibody; EIF4-4 antibody; anti-EIF4E antibody

PRODUCT SPECIFICATIONS

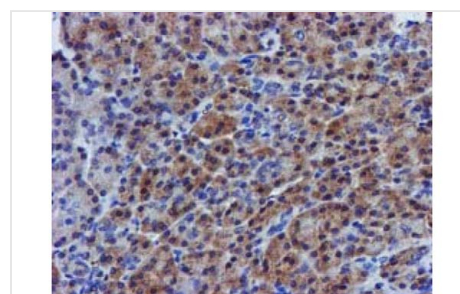
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5D11
Purity/Purification	Purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	231
Applicable Applications for anti-EIF4E antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	EIF4E antibody was raised in Mouse using full length human recombinant protein of human EIF4E produced in HEK293T cell as the immunogen.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant EIF4E protein (Right) or empty vector (Left) detected with EIF4E antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of EIF4E protein in paraffin embedded Human pancreas tissue using EIF4E antibody

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4E antibody	All eukaryotic cellular mRNAs are blocked at their 5-prime ends with the 7-methylguanosine cap structure, m7GpppX (where X is any nucleotide). This structure is involved in several cellular processes including enhanced translational efficiency, splicing, mRNA stability, and RNA nuclear export. EIF4E is a eukaryotic translation initiation factor involved in directing ribosomes to the cap structure of mRNAs. It is a 24-kD polypeptide that exists as both a free form and as part of a multiprotein complex termed EIF4F. The EIF4E polypeptide is the rate-limiting component of the eukaryotic translation apparatus and is involved in the mRNA-ribosome binding step of eukaryotic protein synthesis.
Product Categories/Family for anti-EIF4E antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	926657621
NCBI GeneID	543653
NCBI Accession #	NP_001234459.2
NCBI GenBank Nucleotide #	NM_001247530.2
NCBI Official Full Name	eIF4E
NCBI Official Symbol	eIF4E1
NCBI Protein Information	eIF4E

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/monoclonal/eif4e-antibody-clone-5d11-western-blot-immunohistochemistry-elisa/224753>