

Mouse eIF4A1 Monoclonal Antibody | anti-eIF4A1 antibody

eIF4A1 Monoclonal Antibody (M8)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28886	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

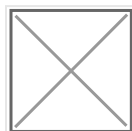
PRODUCT SYNONYMS

eIF4A1; Monoclonal Antibody; eIF4A1 Monoclonal Antibody (M8); Eukaryotic initiation factor 4A-I (eIF-4A-I)(eIF4A-I)(EC 3.6.4.13)(ATP-dependent RNA helicase eIF4A-1); anti-eIF4A1 antibody

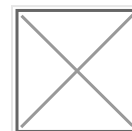
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	M8
Applicable Applications for anti-eIF4A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

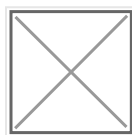
IMAGES


IF (Immunofluorescence)

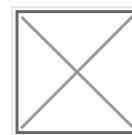
Dilution: WB: 1:1000-3000 IF: 1:100-200 IHC 1:50-300


Application Data

Dilution: WB: 1:1000-3000 IF: 1:100-200 IHC 1:50-300


IF (Immunofluorescence)

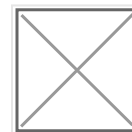
Dilution: WB: 1:1000-3000 IF: 1:100-200 IHC 1:50-300


IHC (Immunohistochemistry-Paraffin)

Dilution: WB: 1:1000-3000 IF: 1:100-200 IHC 1:50-300


IHC (Immunohistochemistry-Paraffin)

Dilution: WB: 1:1000-3000 IF: 1:100-200 IHC 1:50-300


WB (Western Blot)

Dilution: WB: 1:1000-3000 IF: 1:100-200 IHC 1:50-300

ADDITIONAL INFORMATION

Related Product Information for anti-eIF4A1 antibody

ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503529
NCBI GeneID	1973
NCBI Accession #	NP_001407
NCBI GenBank Nucleotide #	NM_001416
UniProt Accession #	P60842; P04765; Q5U018; Q61516; B2R6L8; D3DTP9; J3QLC4
Molecular Weight	39,548 Da
NCBI Official Full Name	eukaryotic initiation factor 4A-I isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4A1
NCBI Official Symbol	EIF4A1
NCBI Official Synonym Symbols	DDX2A; EIF4A; EIF-4A; eIF4A-I; eIF-4A-I
NCBI Protein Information	eukaryotic initiation factor 4A-I; ATP-dependent RNA helicase eIF4A-1; eukaryotic initiation factor 4A1; eukaryotic translation initiation factor 4A, isoform 1
UniProt Protein Name	Eukaryotic initiation factor 4A-I
UniProt Gene Name	EIF4A1
UniProt Synonym Gene Names	DDX2A; EIF4A; eIF-4A-I; eIF4A-I
UniProt Entry Name	IF4A1_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/monoclonal/eif4a1-antibody-clone-m8-western-blot-immunohistochemistry-immunofluorescence-elisa/28886>