

Mouse eIF4A1 Monoclonal Antibody | anti-eIF4A1 antibody

eIF4A1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276828	Mouse	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

eIF4A1; Monoclonal Antibody; eIF4A1 Mouse mAb; DDX2; eIF 4A I; Eukaryotic initiation factor 4A-1; ATP-dependent RNA helicase eIF4A-1;DDX2A; anti-eIF4A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-eIF4A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



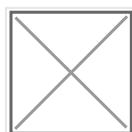
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma using eIF4A1(EM1136)Mouse mAb diluted at 1:200.



IF (Immunofluorescence)

IF analysis of Hela with EM1136(Left) and DAPI (Right) diluted at 1:100.



WB (Western Blot)

Western blot analysis of 1) 293T,2) Hela, 3) HepG2, 4) Mouse Brain tissue, 5) Rat Brain tissue with EM1136 diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-eIF4A1 antibody	The eukaryotic initiation factor-4A (eIF4A) family consists of 3 closely related proteins EIF4A1, EIF4A2, and EIF4A3. These factors are required for the binding of mRNA to 40S ribosomal subunits. Eukaryotic initiation factor (eIF) complex 2 forms a ternary complex with GTP and the initiator Met-tRNA-this process is regulated by guanine nucleotide exchange and phosphorylation and serves as the main regulatory element of the bottleneck of protein expression.
Product Categories/Family for anti-eIF4A1 antibody	Cytosol; Extracellular region or secreted

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-immunofluorescence-immunohistochemistry-western-blot-elisa/276828>