EIF4A1 Monoclonal Antibody

Catalog No. E-AB-22076

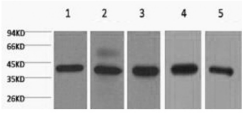
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications	Recommended Dilution
WB	1:500-1:3000
IHC	1:50-1:300
IF	1:100-1:200

Data



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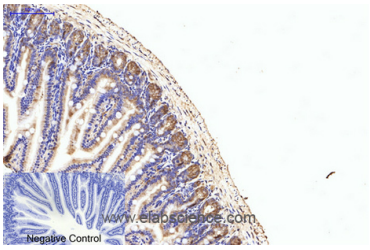
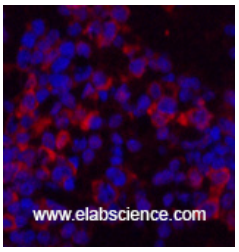
Western Blot analysis of 1) 293T, 2) Hela, 3) HepG2, 4) Mouse brain with eIF4A1 Monoclonal Antibody.
Observed Mw:48kDa



Immunohistochemistry of paraffin-embedded Mouse colon tissue using eIF4A1 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Mouse spleen tissue using eIF4A1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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Background

EIF4A1 is an 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.

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