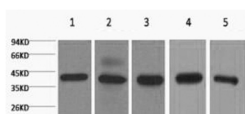


EIF4A1 Monoclonal Antibody

| | | | |
|---------------------|---------------------------------------------|-------------------|-------|
| Catalog No. | E-AB-22076 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Mouse |
| Applications | WB,IHC-p,IF | Isotype | IgG |

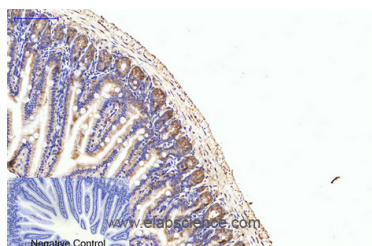
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images

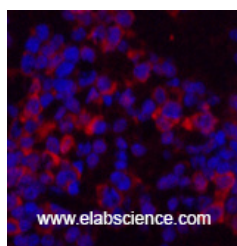


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Western Blot analysis of 1) 293T, 2) HeLa, 3) HepG2, 4) Mouse brain with eIF4A1 Monoclonal Antibody.



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.

Immunogen Information

| | |
|------------------|------------------------------------|
| Immunogen | Synthetic Peptide |
| Swissprot | P60842 |
| Synonyms | DDX2,DDX2A,eIF 4A I,eIF-4A-I,IF4A1 |

Product Information

| | |
|--------------------|------------------------------------------------------|
| Observed MW | 48kDa |
| Buffer | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |
| Purify | Protein A purification |
| Clone No. | Clone:2B6 |
| Dilution | WB 1:500-1:3000, IHC 1:50-1:300, IF 1:100-1:200 |

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.

For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.