

eIF4A3 Rabbit mAb

Catalog No.: A8985 **Recombinant** **4 Publications**

Basic Information

Observed MW

50kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1373

Background

This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a nuclear matrix protein. Its amino acid sequence is highly similar to the amino acid sequences of the translation initiation factors eIF4AI and eIF4AII, two other members of the DEAD box protein family.

Recommended Dilutions

| | |
|---------------|----------------|
| WB | 1:500 - 1:2000 |
| IF/ICC | 1:50 - 1:200 |

Immunogen Information

Gene ID

9775

Swiss Prot

P38919

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 34-125 of human eIF4A3 (P38919).

Synonyms

Fal1; RCPS; DDX48; MUK34; NUK34; NMP265; eIF4AIII; eIF4A-III; eIF-4A-III; eIF4A3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

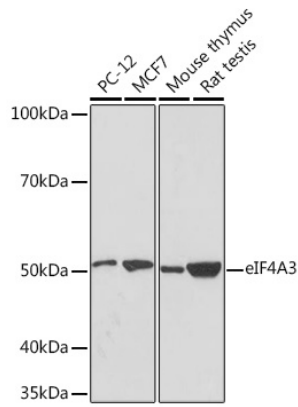
Affinity purification

Storage

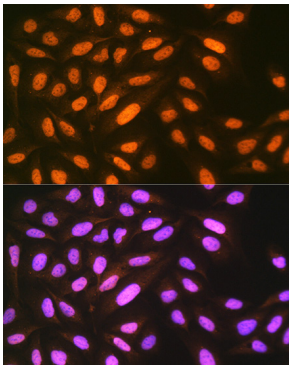
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using eIF4A3 Rabbit mAb (A8985) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3min.



Immunofluorescence analysis of U-2 OS cells using eIF4A3 Rabbit mAb (A8985) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.