

EIF4A3

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF IP

Recommended Dilution: WB 1:1000 - 1:3000 IHC 1:50 - 1:200 IF 1:50 - 1:100 IP 1:20 - 1:50

Calculated MW: 47kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human EIF4A3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

RCPS; DDX48; MUK34; NUK34; NMP265; eIF4AIII;

Catalog #: A4338

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9775

Isotype: IgG

Swiss Prot: P38919

Purity: Affinity purification

For research use only.

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.

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