EIF4A3 Polyclonal Antibody

Catalog Number:E-AB-18715

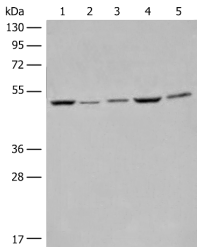
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human EIF4A3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:300
ELISA	1:5000-1:10000

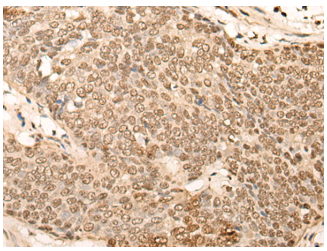
Data



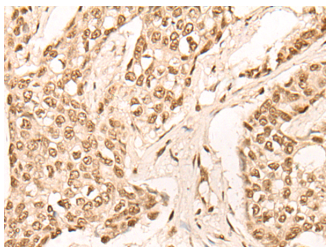
Western blot analysis of Raji Hela A549 HEPG2 and 231 cell lysates using EIF4A3 Polyclonal Antibody at dilution of 1:500

Observed MW:Refer to figures

Calculated Mw:47 kDa



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using EIF4A3 Polyclonal Antibody at dilution of 1:45(×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using EIF4A3 Polyclonal Antibody at dilution of 1:45(×200)

Preparation & Storage

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

Background

For Research Use Only

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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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