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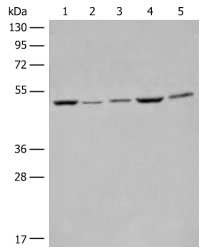
EIF4A3 Polyclonal Antibody

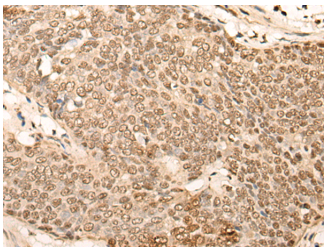
Catalog No.	E-AB-18715	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

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

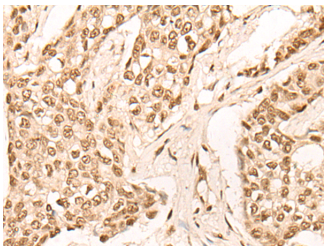
Images



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



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)

Immunogen Information

Immunogen	Fusion protein of human EIF4A3
Gene Accession	BC003662
Swissprot	P38919
Synonyms	ATP-dependent RNA helicase DDX48,DDX48,DEAD box protein 48,IF4A3,NMP 265

Product Information

Calculated MW	47 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

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.