

## EIF4A3 Antibody

Catalog No: #47100

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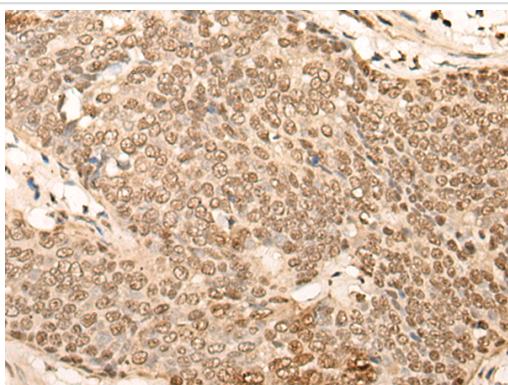
## Description

Product Name	EIF4A3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EIF4A3 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human EIF4A3
Target Name	EIF4A3
Other Names	RCPS; DDX48; MUK34; NUK34; NMP265; eIF4AIII
Accession No.	Swiss-Prot#:P38919NCBI Gene ID:9775Gene Accssion:BC003662
Uniprot	P38919
GeneID	9775;
Calculated MW	47 kDa
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

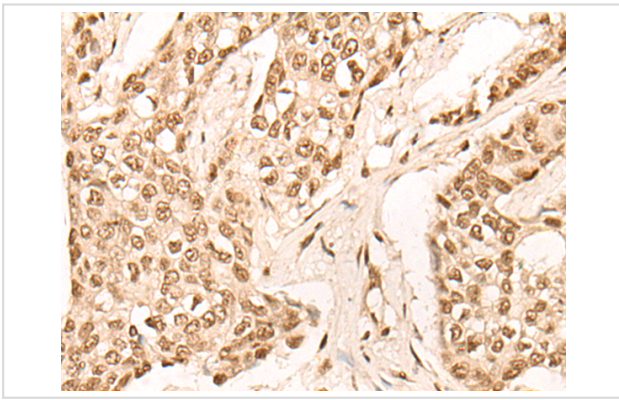
## Application Details

Western blotting:1:500-2000Immunofluorescence:1: 40-200

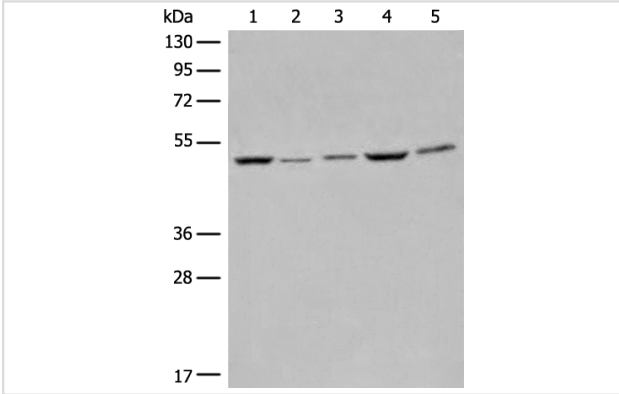
## Images



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47100(EIF4A3 Antibody) at dilution 1/45. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 47100(EIF4A3 Antibody) at dilution 1/45. (Original magnification: 200)



Gel: 8%SDS-PAGE  
Lysate: 40 µg, Lane 1-5: Raji, HeLa, A549, HEPG2 and 231 cell lysates  
Primary antibody: EIF4A3 Antibody at dilution 1/500  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 15 seconds

## 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.

Note: This product is for in vitro research use only