

A11584

Leader in Biomolecular Solutions for Life Science



# eIF4A1 Rabbit mAb

Catalog No.: A11584

Recombinant

1 Publications

## Basic Information

### Observed MW

46kDa

### Calculated MW

46kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IHC-P,IF/ICC,IP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

### CloneNo number

ARC0636

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Background

Enables double-stranded RNA binding activity. Predicted to be involved in cytoplasmic translational initiation. Located in cytoplasm.

## Immunogen Information

### Gene ID

1973

### Swiss Prot

P60842

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

DDX2A; EIF4A; EIF-4A; eIF4A-I; eIF-4A-I; eIF4A1

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

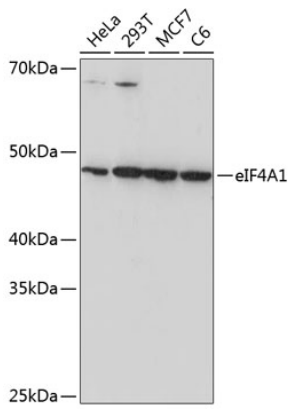
Affinity purification

### 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 various lysates using eIF4A1 Rabbit mAb (A11584) at 1 : 1000 dilution.

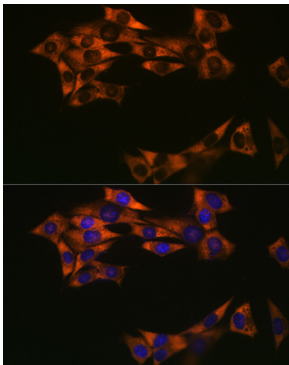
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

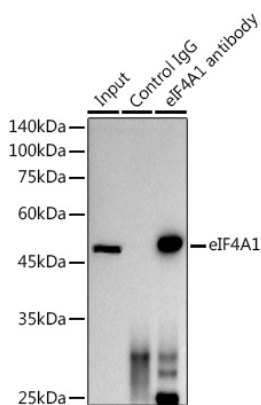
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of NIH-3T3 cells using eIF4A1 Rabbit mAb (A11584) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of MCF7 cells using 3 µg eIF4A1 antibody (A11584). Western blot was performed from the immunoprecipitate using eIF4A1 (A11584) at a dilution of 1:1000.