**Product Name:** **eIF4A3 Rabbit Monoclonal Antibody**
**Catalog #:** **AMRe01938**
For research use only.

## Summary

| | |
|---|---|
| **Description** | Recombinant rabbit monoclonal antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC,ICC/IF,IP |
| **Reactivity** | Human,Rat,Hamster |
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Monoclonal |
| **Form** | Liquid |
| **Concentration** | 0.53mg/ml. The concentration of this product may be batch-dependent. |
| **Storage** | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| **Shipping** | Ice bags |
| **Buffer** | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| **Purification** | Affinity Purification |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| **Molecular Weight** | Calculated MW: 47 kDa; Observed MW: 47 kDa |

## Antigen Information

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|---|---|
| **Gene Name** | EIF4A3 |
| **Alternative Names** | DDX48; EIF4A3; eIF4AIII; hNMP 265; NMP 265; NMP265; NUK34 |
| **Gene ID** | 9775 |
| **SwissProt ID** | P38919 |
| **Immunogen** | A synthetic peptide of human Eif4a3 |

## Background

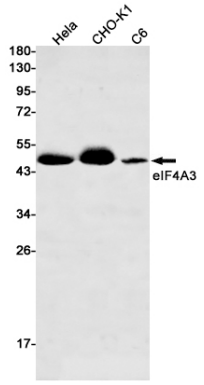
ATP-dependent RNA helicase. Component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear

and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism.

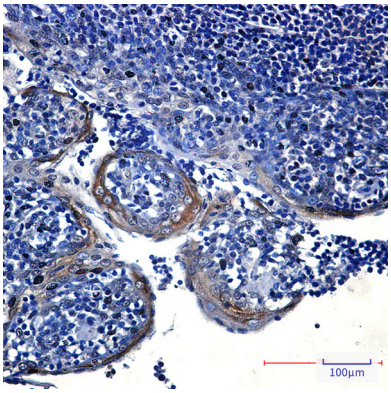
## Research Area

Epigenetics and Nuclear Signaling

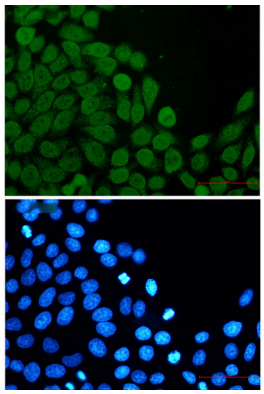
## Image Data




Western blot analysis of eIF4A3 in Hela, CHO-K1, C6 lysates using eIF4A3 antibody.




Immunohistochemistry analysis of paraffin-embedded Human tonsil using Eif4a3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Eif4a3 (green) in Hela using Eif4a3 antibody,and DAPI(blue)