

Datasheet for ABIN7152106  
**anti-EIF4A2 antibody (AA 1-407)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	EIF4A2
Binding Specificity:	AA 1-407
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Eukaryotic initiation factor 4A-II protein (1-407AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	EIF4A2
Alternative Name:	EIF4A2 ( <a href="#">EIF4A2 Products</a> )
Background:	Background: Eukaryotic initiation factor 4A plays an important role in the binding of mRNA to the 43S preinitiation complex when protein synthesis begins. Two highly homologous forms of

## Target Details

functional EIF4A genes, Eif4a1 and Eif4a2, have been isolated in mice, yeast cells also possess 2 EIF4A genes, TIF1 and TIF2. The murine Eif4a and yeast TIF genes appear to belong to a DEAD-box gene family, whose members exhibit extensive amino acid similarity and contain the asp-glu-ala-asp (DEAD) sequence. DEAD-box genes have been identified in species ranging from E-coli to humans. Their function appears to be related to transcriptional/translational regulation (referenced from OMIM).

Aliases: ATP dependent RNA helicase eIF4A 2 antibody, ATP-dependent RNA helicase eIF4A-2 antibody, BM-010 antibody, DDX2B antibody, eIF 4A II antibody, eIF-4A-II antibody, EIF4A antibody, eIF4A II antibody, eIF4A-II antibody, EIF4A2 antibody, EIF4F antibody, Eukaryotic initiation factor 4A II antibody, Eukaryotic initiation factor 4A-II antibody, eukaryotic translation initiation factor 4A isoform 2 antibody, Eukaryotic translation initiation factor 4A2 antibody, IF4A2\_HUMAN antibody, N-terminally processed antibody

UniProt: [Q14240](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

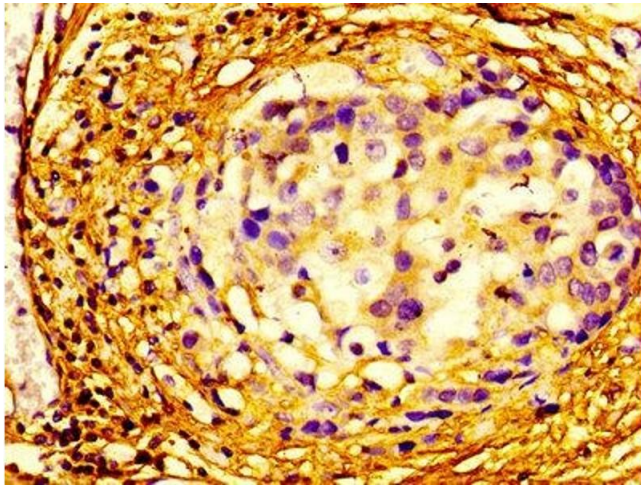
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

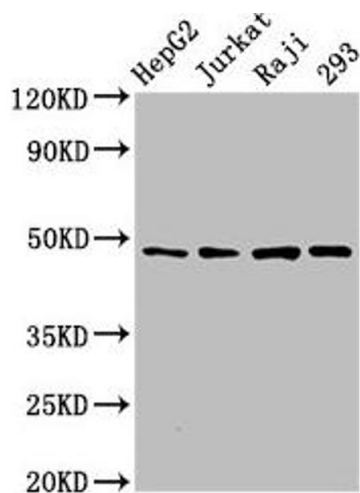
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



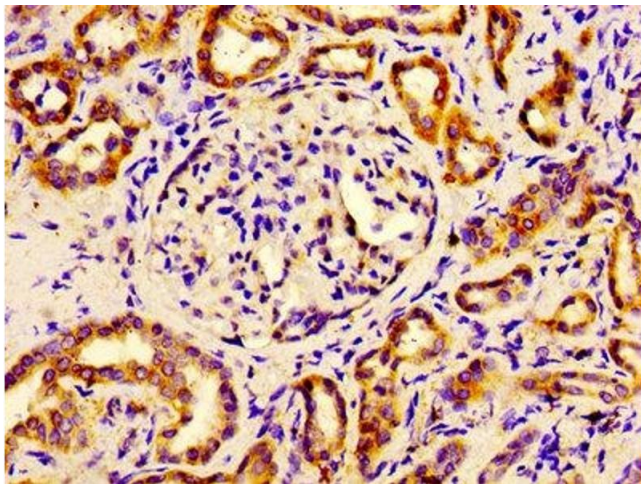
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7152106 at dilution of 1:100



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HepG2 whole cell lysate, Jurkat whole cell lysate, Raji whole cell lysate, 293 whole cell lysate All lanes: EIF4A2 antibody at 3  $\mu$ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7152106 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7152106.