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# anti-EIF3F antibody (AA 88-357)

3 Images



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## Overview

Quantity:	100 μL
Target:	EIF3F
Binding Specificity:	AA 88-357
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3F antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

# **Product Details**

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit F protein (88-357AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

# Target Details

Target:	EIF3F
Alternative Name:	EIF3F (EIF3F Products)
Background:	Background: Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates

with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

Aliases: Deubiquitinating enzyme elF3f antibody, elF 3 epsilon antibody, elF-3-epsilon antibody, elF3 p47 antibody, elF3 p47 subunit antibody, elF3-epsilon antibody, elF3-p47 antibody, elF3f antibody, ElF3F\_HUMAN antibody, ElF3S5 antibody, ElF3S5, formerly antibody, Eukaryotic translation initiation factor 3 subunit 5 antibody, Eukaryotic translation initiation factor 3 subunit 5, formerly antibody, Eukaryotic translation initiation factor 3 subunit F antibody, eukaryotic translation initiation factor 3, subunit 5 (epsilon, 47kD) antibody, eukaryotic translation initiation factor 3, subunit F antibody, translation initiation factor 3 47 kda subunit antibody

UniProt:	000303

Ribonucleoprotein Complex Subunit Organization

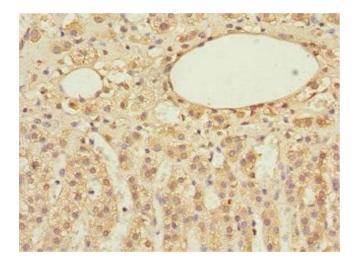
# **Application Details**

Application Notes:	Recommended dilution: IHC:1:20-1:200, IP:1:200-1:2000,
Restrictions:	For Research Use only

## Handling

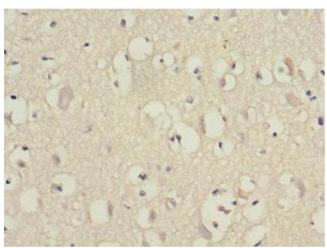
Pathways:

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.



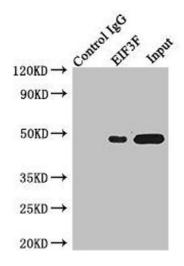
# **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7152155 at dilution of 1:100



### **Immunohistochemistry**

**Image 2.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7152155 at dilution of 1:100



# **Western Blotting**

Image 3. Immunoprecipitating EIF3F in Jurkat whole cell lysate Lane 1: Rabbit control IgG instead of (1  $\mu$ g) instead of ABIN7152155 in Jurkat whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: ABIN7152155 (4  $\mu$ g) + Jurkat whole cell lysate (500  $\mu$ g) Lane 3: Jurkat whole cell lysate (20  $\mu$ g)