



[Go to Product page](#)

Datasheet for ABIN7152160  
**anti-EIF3H antibody (AA 80-340)**

2 Images

Overview

Quantity:	100 µL
Target:	EIF3H
Binding Specificity:	AA 80-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3H antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit H protein (80-340AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen Affinity Purified

Target Details

Target:	EIF3H
Alternative Name:	EIF3H ( <a href="#">EIF3H Products</a> )
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

## Target Details

---

with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA<sup>i</sup> 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: eIF-3-gamma antibody, eIF3 gamma antibody, eIF3 p40 antibody, eIF3 p40 subunit antibody, eIF3h antibody, EIF3H\_HUMAN antibody, EIF3S3 antibody, Eukaryotic translation initiation factor 3 subunit 3 antibody, Eukaryotic translation initiation factor 3 subunit H antibody, MGC102958 antibody

---

UniProt: [O15372](#)

---

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

---

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

---

Preservative: Sodium azide

---

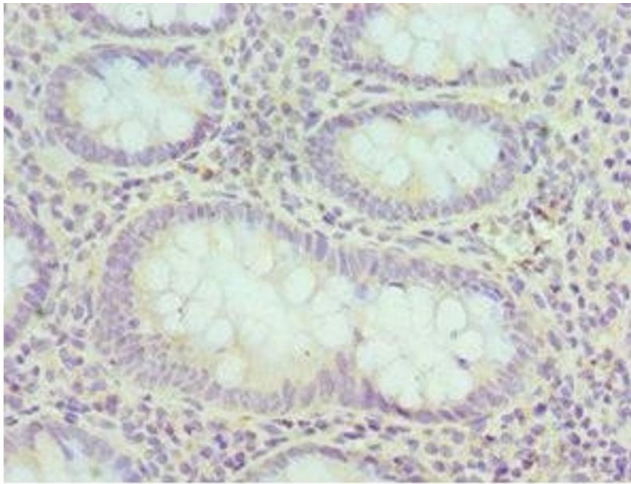
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: -20 °C,-80 °C

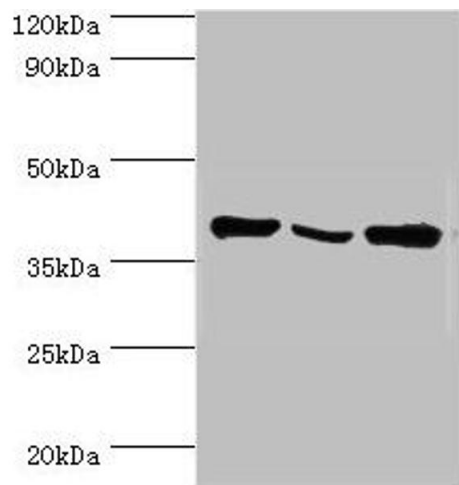
---

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



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human epithelium tissue using ABIN7152160 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: EIF3H antibody at 6  $\mu$ g/mL  
Lane 1: NIH/3T3 whole cell lysate Lane 2: Rat brain tissue  
Lane 3: U251 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 40 kDa  
Observed band size: 40 kDa