

Nur für Forschungszwecke

# EIF3I Polyklonaler Antikörper

Katalog-Nr.:11287-1-AP

Vorgestelltes Produkt

6 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
11287-1-AP

Größe:  
150ul, Konzentration: 300 µg/ml von  
Nanodrop und 300 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG1847

GenBank-Zugangsnummer:  
BC000413

GeneID (NCBI):  
8668

Vollständiger Name:  
eukaryotic translation initiation  
factor 3, subunit I

Berechnete Masse:  
36 kDa

Beobachtete Masse:  
36 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 µg für IP und 1:500-1:2000  
für WB  
IHC 1:50-1:500  
IF 1:10-1:100

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hamster, Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Plazenta-Gewebe, Jurkat-Zellen, K-562-Zellen, Maushirngewebe, MCF-7-Zellen, NIH/3T3-Zellen, SH-SY5Y-Zellen

IP : HEK-293-Zellen,

IHC : humanes Mammakarzinomgewebe, humanes Hodengewebe, humanes Lebergewebe

IF : HeLa-Zellen,

## Hintergrundinformationen

Eukaryotic initiation factor (EIF3) complex is the largest of the eIFs and consists of more than 10 nonidentical subunit, and is required for several steps in the initiation of protein synthesis. It 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). Also it can 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. EIF3I is one subunit of EIF3 complex.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Emma Jane Mead	26420881	Biochem J	WB
Wei Pan	29173589	Vet Microbiol	WB
Anne Roobol	24320561	Biochem J	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

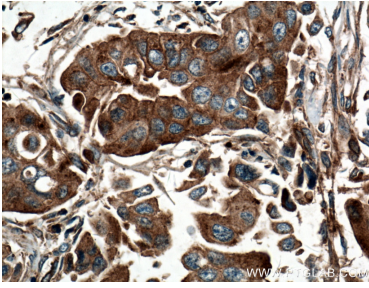
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

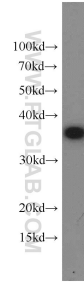
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

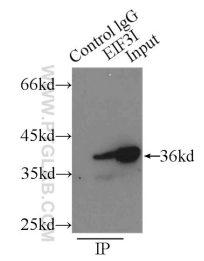
## Ausgewählte Validierungsdaten



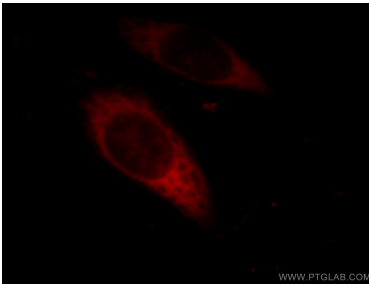
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11287-1-AP (EIF3I antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



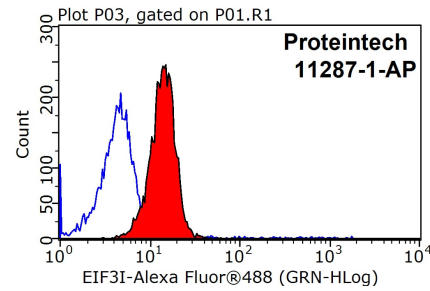
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11287-1-AP (EIF3I antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-EIF3I (IP:11287-1-AP, 3ug; Detection:11287-1-AP 1:1000) with HEK-293 cells lysate 1500ug.



Immunofluorescent analysis of HeLa cells, using EIF3I antibody 11287-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1x10<sup>6</sup> HeLa cells were stained with 0.2ug EIF3I antibody (11287-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.