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## anti-EIF3L antibody



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Quantity:	100 μg
Target:	EIF3L
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## **Product Details**

lmmunogen:	eukaryotic translation initiation factor 3, subunit L
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

## **Target Details**

Target:	EIF3L	
Alternative Name:	EIF3L (EIF3L Products)	
Background:	Synonyms:EIF3EIP, 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 pre-initiation complex(43S PIC). The eIF-3	

#### **Target Details**

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. In case of FCV infection, plays a role in the ribosomal termination-reinitiation event leading to the translation of VP2(PubMed:18056426).

Molecular Weight: 67 kDa

Gene ID: 51386

UniProt: Q9Y262

Pathways: Ribonucleoprotein Complex Subunit Organization

## **Application Details**

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

### Handling

Storage Comment:

Format:

Buffer:

PBS with 0.02 % sodium azide and 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

-20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months