



## Datasheet for ABIN3042942 **anti-EIF3B antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	EIF3B
Binding Specificity:	AA 755-775, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

#### Product Details

Purpose:	Rabbit IgG polyclonal antibody for Eukaryotic translation initiation factor 3 subunit B(EIF3B) detection. Tested with WB in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human eIF3B(755-775aa EDFRKYRKMAQELYMEQKNER), different from the related rat and mouse sequences by one amino acid.
Sequence:	EDFRKYRKMA QELYMEQKNE R
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.
Characteristics:	Rabbit IgG polyclonal antibody for Eukaryotic translation initiation factor 3 subunit B(EIF3B)

## Product Details

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detection. Tested with WB in Human,Mouse,Rat.

Gene Name: eukaryotic translation initiation factor 3, subunit B

Protein Name: Eukaryotic translation initiation factor 3 subunit B

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Purification: Immunogen affinity purified.

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## Target Details

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Target: EIF3B

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Alternative Name: EIF3B ([EIF3B Products](#))

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Background: EIF3B(Eukaryotic Translation Initiation Factor 3, Subunit B), also called PRT1 or EIF3-p116, is a protein that in humans is encoded by the EIF3B gene. By searching an EST database, Methot et al.(1997) identified a cDNA encoding a human Prt1 homolog. Asano et al.(1997) demonstrated that the 115-kD component of HeLa cell eIF3 is actually composed of 2 proteins, p116(PRT1) and an unrelated 110-kD protein. Chaudhuri et al.(1997) isolated cDNAs encoding PRT1, which they called p110 based on the size of the corresponding component of rabbit eIF3.

Synonyms: eIF-3-eta antibody|eIF3 eta antibody|eIF3 p110 antibody|eIF3 p116 antibody|EIF3-ETA antibody|EIF3-P110 antibody|EIF3-P116 antibody|eIF3b antibody|EIF3B\_HUMAN antibody|EIF3S9 antibody|Eukaryotic translation initiation factor 3, subunit B antibody|Eukaryotic translation initiation factor 3 subunit 9 antibody|eukaryotic translation initiation factor 3 subunit 9 eta antibody|Eukaryotic translation initiation factor 3 subunit B antibody|hPrt1 antibody|PRT1 antibody|Prt1 homolog antibody

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UniProt: [P55884](#)

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Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

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## Application Details

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Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, The detection limit for EIF3B is approximately 2.5 ng/lane under reducing conditions.

Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities.

Other applications have not been tested. Optimal dilutions should be determined by end users.

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Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

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Restrictions: For Research Use only

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## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

## Images



### Western Blotting

**Image 1.** Anti-Eif3b antibody, Western blotting Lane 1: HELA Cell Lysate Lane 2: 293T Cell Lysate Lane 3: A431 Cell Lysate