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anti-EIF3B antibody (C-Term)





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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	
	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
Purification:	Immunogen affinity purified.
Target Details	
Target:	EIF3B
Alternative Name:	EIF3B (EIF3B Products)
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
UniProt:	P55884
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
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.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

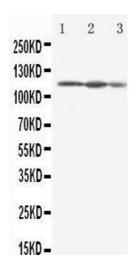
For Research Use only

Restrictions:

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 Na2HPO4, 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