Datasheet for ABIN7467289

anti-EIF3S1 antibody

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Overview

Quantity:	100 µL
Target:	EIF3S1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3S1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human EIF3J. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	EIF3S1
Alternative Name:	eukaryotic translation initiation factor 3 subunit J (EIF3S1 Products)
Background:	Eukaryotic translation initiation factor 3 subunit J , EIF3S1 , eIF3-alpha , eIF3-p35,Eukaryotic initiation factor-3 (EIF3) has a molecular mass of about 600 kD and contains 13 nonidentical protein subunits, including EIF3J. EIF3 plays a central role in binding of initiator methionyl-tRNA

Target Details

	and mRNA to the 40S ribosomal subunit to form the 40S initiation complex (Fraser et al., 2004 [PubMed 14688252], Fraser et al., 2007 [PubMed 17588516]).[supplied by OMIM]
Molecular Weight:	29 kDa
Gene ID:	8669
UniProt:	O75822
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Raji
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.91 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.