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Datasheet for ABIN7152167
anti-EIF3S1 antibody (AA 5-115) (Biotin)

Overview

Quantity:	100 µg
Target:	EIF3S1
Binding Specificity:	AA 5-115
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3S1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit J protein (5-115AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EIF3S1
Alternative Name:	EIF3J (EIF3S1 Products)
Background:	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

Target Details

with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA_i and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 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. This subunit binds directly within the mRNA entry channel of the 40S ribosome to the aminoacyl (A) site. It may regulate the interaction between the 43S PIC and mRNA.

Aliases: eIF 3 alpha antibody, eIF-3-alpha antibody, eIF3 alpha antibody, eIF3 p35 antibody, eIF3j antibody, EIF3J_HUMAN antibody, EIF3S 1 antibody, EIF3S1 antibody, Eukaryotic translation initiation factor 3 subunit 1 antibody, Eukaryotic translation initiation factor 3 subunit J antibody, Eukaryotic translation initiation factor 3, subunit 1 (alpha, 35kD) antibody, Eukaryotic translation initiation factor 3, subunit 1 alpha, 35kD antibody

UniProt: [O75822](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.