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Datasheet for ABIN7152166 anti-EIF3S1 antibody (AA 5-115)

Image



Overview

Quantity:	100 µg
Target:	EIF3S1
Binding Specificity:	AA 5-115
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3S1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

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

Target Details

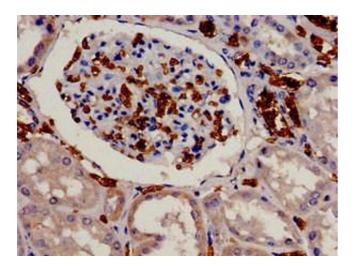
Target:	EIF3S1
Alternative Name:	EIF3J (EIF3S1 Products)
Background:	Background: Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which
	is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates

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	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 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 405
	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, eIF3
	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:	075822
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200,
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.

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Immunohistochemistry

Image 1. Immunohistochemistry analysis of human kidney tissue using ABIN7152166 at dilution of 1:100

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