

Datasheet for ABIN2789124
anti-EIF3D antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	EIF3D
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	SGWGPCAVPE QFRDMPYQPF SKGDRLGKVA DWTGATYQDK RYTNKYSSQF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 83%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Eif3d. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF3D
Alternative Name:	Eif3d (EIF3D Products)

Target Details

Background:	Eif3d is a 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 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. Alias Symbols: Eif3s7, MGC93918 Protein Interaction Partner: Sumo3, Protein Size: 548
Molecular Weight:	60 kDa
Gene ID:	362952
NCBI Accession:	NM_001004283 , NP_001004283
UniProt:	Q6AYK8
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 548 AA
Restrictions:	For Research Use only

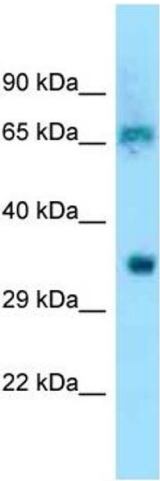
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-Eif3d Antibody Titration: 1.0 ug/ml Positive Control: Rat liver