

Datasheet for ABIN7073884

anti-EIF3D antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EIF3D
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse EIF3D
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	EIF3D
Alternative Name:	EIF3D (EIF3D Products)
Background:	EIF3D is a protein belonging to the largest of the eukaryotic translation initiation factor family, eukaryotic translation initiation factor-3 (eIF3). eIF3 is a multiprotein complex composed of at least 13 different subunits. eIF3D binds to the 40S ribosomal subunit and thus helps in maintaining the 40S and 60S ribosomal subunits in a dissociated state. An important role of eIF3D is the formation of the 40S initiation complex by interacting with the ternary complex of eIF2/GTP/methionyl-tRNA, and promotes mRNA binding. eIF3D is the major RNA binding

Target Details

	subunit of the eIF3 complex. It associates with the subunit p170 of eIF-3. Ubiquitous expression of eIF3D is seen in most of the tissues and it is phosphorylated upon DNA damage, likely by ATM or ATR.
Molecular Weight:	64 kDa
Gene ID:	55944
NCBI Accession:	NP_061219
UniProt:	O70194
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB (H,M,R) 1:500-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Western Blotting

Image 1. Western blot analysis of EIF3D (ABIN7073884) at dilution of 1: 500

