

Datasheet for ABIN7073881

anti-EIF2S3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EIF2S3
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse EIF2G/EIF2S3
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	EIF2S3
Alternative Name:	EIF2G/EIF2S3 (EIF2S3 Products)
Background:	Interacts with GTP and initiator methionyl-tRNA, translation initiation factor eIF2 forms a ternary complex that binds the 40S ribosome and then scans an mRNA to select the AUG start codon for protein synthesis. Junction of the 60S ribosomal subunit to form the 80S initiation complex is preceded by hydrolysis of the GTP bound to eIF-2 and release of an eIF-2-GDP binary complex. In order for eIF-2 to recycle and catalyze another round of initiation, the GDP bound to eIF-2 must exchange with GTP by way of a reaction catalyzed by eIF-2B. EIF2S3 is the

Target Details

	core subunit of the heterotrimeric eIF2 complex.
Molecular Weight:	51 kDa
Gene ID:	26905
UniProt:	Q9Z0N1

Application Details

Application Notes:	WB (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

Images



Western Blotting

Image 1. Western blot analysis of EIF2S3 (ABIN7073881), at dilution of 1: 1000