# antibodies .- online.com





# anti-EIF2S3 antibody





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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

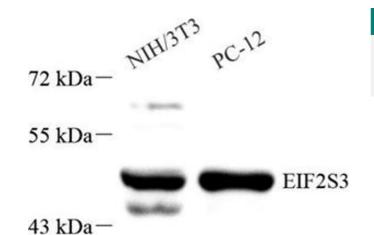
## **Application Details**

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