antibodies -online.com







anti-EIF4G1 antibody (pSer1108)



Image



Overview

Quantity:	100 μL
Target:	EIF4G1
Binding Specificity:	pSer1108
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4G1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-EIF4G1-S1108 Rabbit pAb
Immunogen:	A synthetic phosphorylated peptide around S1108 of human EIF4G1 (NP_001181875.1).
Sequence:	GGSGA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

5 3

Target Details

Precaution of Use:

Storage Comment:

Storage:

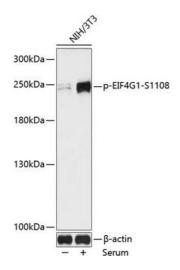
l arget Details	
Alternative Name:	EIF4G1 (EIF4G1 Products)
Background:	The protein encoded by this gene is a component of the multi-subunit protein complex EIF4F.
	This complex facilitates the recruitment of mRNA to the ribosome, which is a rate-limiting step
	during the initiation phase of protein synthesis. The recognition of the mRNA cap and the ATP-
	dependent unwinding of 5'-terminal secondary structure is catalyzed by factors in this complex.
	The subunit encoded by this gene is a large scaffolding protein that contains binding sites for
	other members of the EIF4F complex. A domain at its N-terminus can also interact with the
	poly(A)-binding protein, which may mediate the circularization of mRNA during translation.
	Alternative splicing results in multiple transcript variants, some of which are derived from
	alternative promoter usage.,EIF4G1,EIF-4G1,EIF4F,EIF4G,EIF4G1,P220,PARK18,Epigenetics &
	Nuclear Signaling,RNA Binding,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Signal
	Transduction,Pl3K-Akt Signaling Pathway,Immunology & Inflammation,Akt downstream
	targets,Protein phosphorylation,EIF4G1
Molecular Weight:	154kDa/158kDa/166kDa/171kDa/175kDa/176kDa
Gene ID:	1981
UniProt:	Q04637
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide

should be handled by trained staff only.

Store at -20°C. Avoid freeze / thaw cycles.

-20 °C

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which



Western Blotting

Image 1. Western blot analysis of extracts of NIH/3T3 cells, using Phospho-EIF4G1-S1108 antibody (ABIN7267045) at 1:1000 dilution. NIH/3T3 cells were treated by 10 % FBS for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.