

Datasheet for ABIN7452790
anti-EIF2AK1 antibody (AA 580-630)



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Overview

Quantity:	100 µg
Target:	EIF2AK1
Binding Specificity:	AA 580-630
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2AK1 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-EIF2AK1 Antibody, Affinity Purified
Immunogen:	between AA 580 and 630
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	EIF2AK1
Alternative Name:	EIF2AK1 (EIF2AK1 Products)
Background:	Background: Eukaryotic translation initiation factor 2-alpha kinase 1 (EIF2AK1) is also known as Heme-regulated inhibitor (HRI). EIF2AK1 is regulated and inactivated by Hemin. EIF2AK1

Target Details

	Mediates down-regulation of protein synthesis in response to various stress conditions by the phosphorylation of eIF-2alpha at 'Ser-48' and 'Ser-51'.
Gene ID:	27102
NCBI Accession:	NP_055228
UniProt:	Q9BQI3
Pathways:	Hepatitis C

Application Details

Application Notes:	IP: 5 - 15 µg/mg lysate WB: Not recommended
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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:	4 °C
Expiry Date:	12 months