

Datasheet for ABIN7452780
anti-EIF2AK1 antibody (AA 525-575)



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Overview

Quantity:	100 µg
Target:	EIF2AK1
Binding Specificity:	AA 525-575
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 525 and 575
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. ABIN7452790 has not performed satisfactorily when used for WB of EIF2AK1 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of EIF2AK1.
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