

Datasheet for ABIN1534897

anti-EIF2AK1 antibody (AA 571-620)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EIF2AK1
Binding Specificity:	AA 571-620
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2AK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human EIF2AK1.
Isotype:	IgG
Specificity:	EIF2AK1 Antibody detects endogenous levels of total EIF2AK1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	EIF2AK1
Alternative Name:	EIF2AK1 (EIF2AK1 Products)
Background:	Synonyms: Eukaryotic translation initiation factor 2-alpha kinase 1, Heme-regulated eukaryotic

Target Details

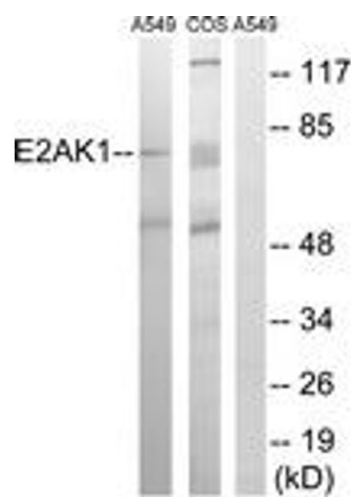
	initiation factor eIF-2-alpha kinase, Hemin-sensitive initiation factor 2-alpha kinase, Heme-regulated inhibitor, Heme-controlled repressor, HCR NCBI Gene Symbol: E2AK1
Molecular Weight:	71 kDa
Gene ID:	27102
UniProt:	Q9BQI3
Pathways:	Hepatitis C

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:40000
Comment:	Unigene-Number: Hs.724455 (NCBI Gene Symbol: E2AK1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from A549/COS7 cells, using EIF2AK1 Antibody. The lane on the right is treated with the synthesized peptide.