

Datasheet for ABIN1534159
anti-PERK antibody (AA 61-110)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PERK (EIF2AK3)
Binding Specificity:	AA 61-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PERK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human E2AK3.
Isotype:	IgG
Specificity:	E2AK3 Antibody detects endogenous levels of total E2AK3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PERK (EIF2AK3)
Abstract:	EIF2AK3 Products
Background:	Synonyms: E2AK3, EIF2AK3, Eukaryotic translation initiation factor 2-alpha kinase 3 precursor,

Target Details

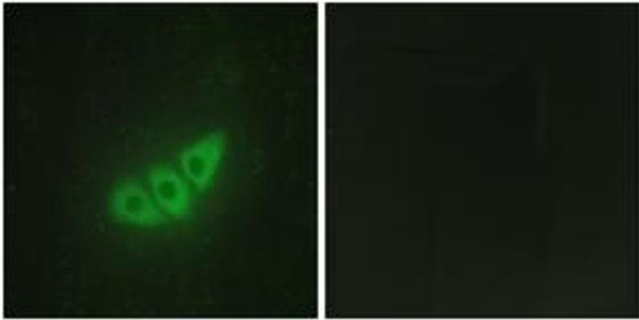
	HsPEK, PEK, PERK, PRKR-like endoplasmic reticulum kinase, Pancreatic eIF2-alpha kinase, kinase PERK NCBI Gene Symbol: EIF2AK3
Molecular Weight:	125 kDa
Gene ID:	9451
OMIM:	226980
UniProt:	Q9NZJ5
Pathways:	Hormone Transport , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Hepatitis C , Unfolded Protein Response

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.591589 (NCBI Gene Symbol: EIF2AK3)
Restrictions:	For Research Use only

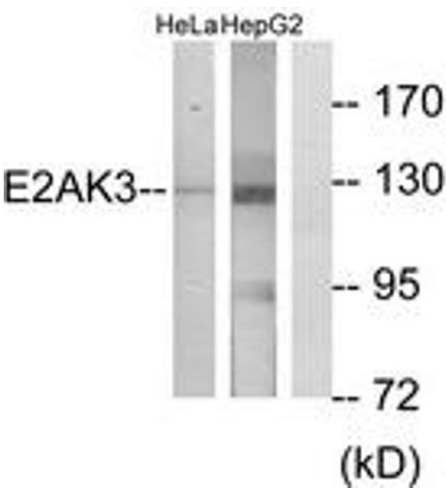
Handling

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



Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using E2AK3 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HeLa/HepG2 cells, using E2AK3 Antibody. The lane on the right is treated with the synthesized peptide.