

Datasheet for ABIN1450662
anti-PERK antibody (AA 947-996)



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Overview

Quantity:	100 µL
Target:	PERK (EIF2AK3)
Binding Specificity:	AA 947-996
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PERK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human EIF2AK3.
Isotype:	IgG
Specificity:	PEK/PERK Antibody detects endogenous levels of total PEK/PERK protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.

Target Details

Target:	PERK (EIF2AK3)
Alternative Name:	PEK/PERK (EIF2AK3 Products)
Background:	Synonyms: E2AK3, EIF2AK3, Eukaryotic translation initiation factor 2-alpha kinase 3 precursor, HsPEK, PEK, PERK, PRKR-like endoplasmic reticulum kinase, Pancreatic eIF2-alpha kinase,

Target Details

	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 IHC: 1:50~1:100 ELISA: 1:40000
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.