

## PERK (Phospho-Thr982) Polyclonal Antibody

Catalog No: #12379



Package Size: #12379-1 50ul #12379-2 100ul

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## Description

Product Name	PERK (Phospho-Thr982) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA
Species Reactivity	Hu Ms Rt
Specificity	Phospho-PERK (T981) Polyclonal Antibody detects endogenous levels of PERK protein only when phosphorylated at T981.
Immunogen Description	Synthesized peptide derived from human PERK around the phosphorylation site of T981.
Target Name	PERK
Modification	Phospho
Other Names	EIF2AK3; PEK; PERK; Eukaryotic translation initiation factor 2-alpha kinase 3; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; HsPEK
Accession No.	Swiss-Prot: Q9NZJ5NCBI Gene ID: 9451
Target Species	human
SDS-PAGE MW	130kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

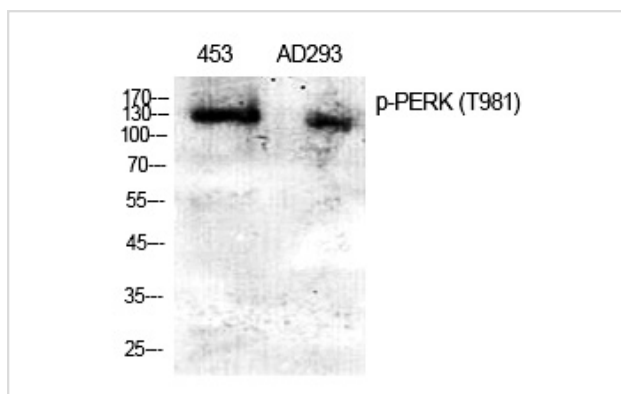
## Application Details

Western Blot: 1:500-2000

Immunohistochemistry: 1/100 - 1/300

ELISA: 1/40000

## Images



Western Blot analysis of 453 AD293 cells using Phospho-PERK (T981) Polyclonal Antibody

## Published Papers

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el at., Ginsenosides reduce body weight and ameliorate hepatic steatosis in high fat diet?induced obese mice via endoplasmic reticulum stress and p?STAT3/STAT3 signaling.In Mol Med Rep on 2020 Mar; by Yao Y et al..PMID:32016448, , (2020)

[PMID:32016448](#)

el at., High glucose and bupivacalne?Induced cytotoxicity is mediated by enhanced apoptosis and impaired autophagy via the PERK?ATF4?CHOP and IRE1?TRAF2 signalling pathways. In Mol Med Rep on 2019 Sep by Liu Y, Sun L, et al..PMID:31524237, , (2019)

[PMID:31524237](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.