

Rabbit PERK Polyclonal Antibody | anti-PERK antibody

PERK (Phospho-Thr981) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302004	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry

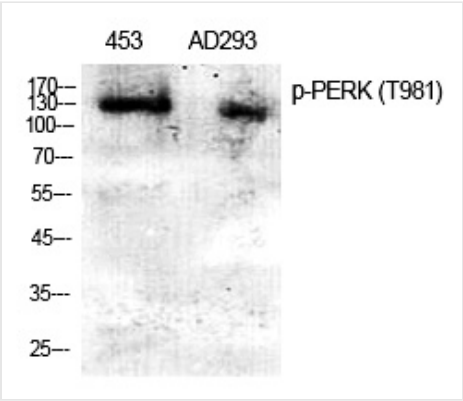
PRODUCT SYNONYMS

PERK; Polyclonal Antibody; PERK (Phospho-Thr981) Polyclonal Antibody; EIF2AK3; PEK; Eukaryotic translation initiation factor 2-alpha kinase 3; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; HsPEK; anti-PERK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-PERK (T981) Polyclonal Antibody detects endogenous levels of PERK protein only when phosphorylated at T981.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1116
Applicable Applications for anti-PERK antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human PERK around the phosphorylation site of T981.
SDS-PAGE MW	130kD
Modification	Phospho-Thr981
Target Species	Human
Target Name	PERK
Preparation and Storage	Store at -20°C/1 year

IMAGES



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

ADDITIONAL INFORMATION

Product Categories/Family for anti-PERK antibody	Phospho-specific Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134304838
NCBI GeneID	9451
NCBI Accession #	NP_004827.4
NCBI GenBank Nucleotide #	NM_004836.6
UniProt Accession #	Q9NZJ5; O95846; Q53QY0; Q53SB1; A0AVH1; A0AVH2; B2RCU9
NCBI Official Full Name	eukaryotic translation initiation factor 2-alpha kinase 3 isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2-alpha kinase 3
NCBI Official Symbol	EIF2AK3
NCBI Official Synonym Symbols	PEK; WRS; PERK
NCBI Protein Information	eukaryotic translation initiation factor 2-alpha kinase 3
UniProt Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 3
UniProt Gene Name	EIF2AK3
UniProt Synonym Gene Names	PEK; PERK; HsPEK
UniProt Entry Name	E2AK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.