

Rabbit PRK1 Polyclonal Antibody | anti-PRK1 antibody

PRK1 (Phospho-Thr774)/PRK2 (Phospho-Thr816) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319478	Rabbit	Human, Mouse, Rat	Immunohistochemistry, ELISA, Western Blot

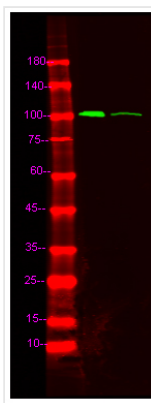
PRODUCT SYNONYMS

PRK1; Polyclonal Antibody; PRK1 (Phospho-Thr774)/PRK2 (Phospho-Thr816) Antibody; PRK1 (Thr774)/PRK2 (Thr816); Serine/threonine-protein kinase N1 (EC 2.7.11.13)(Protease-activated kinase 1)(PAK-1)(Protein kinase C-like 1)(Protein kinase C-like PKN)(Protein kinase PKN-alpha)(Protein-kinase C-related kinase 1)(Serine-threonine protein kinase N); anti-PRK1 antibody

PRODUCT SPECIFICATIONS

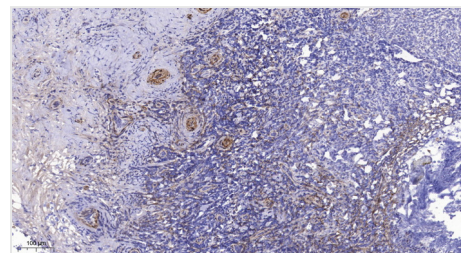
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of Human Mouse Rat PRK1 (phospho-Thr774) or PRK2 (phospho-Thr816)
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRK1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized phospho peptide around human PRK1 (Thr774) and PRK2 (Thr816)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western Blot analysis of HeLa treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-PRK1 antibody	protein kinase N1(PKN1) Homo sapiens The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of small G proteins and may mediate the Rho-dependent signaling pathway. This kinase can be activated by phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, which may mediate insulin signals to the actin cytoskeleton. The proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-PRK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132589
NCBI GeneID	5585
NCBI Accession #	NP_002732.3
NCBI GenBank Nucleotide #	NM_002741.3
UniProt Accession #	Q16512; Q15143; Q504U4; Q8IUV5; Q9UD44; A8K7W5; B2R9R4; B3KVN3
Molecular Weight	103,932 Da
NCBI Official Full Name	serine/threonine-protein kinase N1 isoform 2
NCBI Official Synonym Full Names	protein kinase N1
NCBI Official Symbol	PKN1
NCBI Official Synonym Symbols	DBK; PKN; PAK1; PRK1; PAK-1; PRKCL1; PKN-ALPHA
NCBI Protein Information	serine/threonine-protein kinase N1; protein kinase C-like 1; protein kinase PKN-alpha; protein kinase C-like PKN; serine-threonine kinase N; protease-activated kinase 1; protein kinase C-related kinase 1; protein-kinase C-related kinase 1; serine-threonin
UniProt Protein Name	Serine/threonine-protein kinase N1
UniProt Gene Name	PKN1
UniProt Synonym Gene Names	PAK1; PKN; PRK1; PRKCL1; PAK-1
UniProt Entry Name	PKN1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prk1-antibody-immunohistochemistry-western-blot-elisa/319478>