

PKN1 polyclonal antibody

Catalog # PAB0271 Size 50 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PKN1.
Immunogen	A synthetic peptide corresponding to amino acids 921-929 of human PKN1.
Sequence	EAPTLSPPRDARPLTAAEQ
Host	Rabbit
Reactivity	Dog, Human, Mouse, Rat
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunoprecipitation

Gene Info — PKN1

Entrez GeneID	5585
Gene Name	PKN1
Gene Alias	DBK, MGC46204, PAK1, PKN, PKN-ALPHA, PRK1, PRKCL1
Gene Description	protein kinase N1
Omim ID	601032
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
Other Designations	protein kinase C-like 1 protein kinase C-like PKN protein kinase C-related kinase 1 serine-threonine kinase N serine/threonine protein kinase N

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)