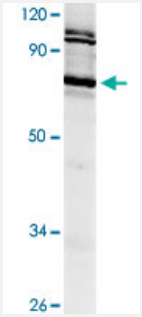
PRKCD (phospho T505) polyclonal antibody

Catalog # PAB24737 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with PRKCD (phospho T505) polyclonal antibody (Cat # PAB24737) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of PRKCD.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T505 of PRKCD.
Host	Rabbit
Theoretical MW (kDa)	80.0
Reactivity	Human
Specificity	PRKCD (phospho T505) polyclonal antibody detects endogenous levels of PRKCD protein.
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — PRKCD

Entrez GeneID	5580
Gene Name	PRKCD
Gene Alias	MAY1, MGC49908, PKCD, nPKC-delta
Gene Description	protein kinase C, delta
Omim ID	176977
Gene Ontology	Hyperlink
Gene Summary	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be a ctivated by calcium and the second messenger diacylglycerol. PKC family members phosphorylat e a wide variety of protein targets and are known to be involved in diverse cellular signaling pathw ays. PKC family members also serve as major receptors for phorbol esters, a class of tumor pro moters. Each member of the PKC family has a specific expression profile and is believed to play distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studie s both in human and mice demonstrate that this kinase is involved in B cell signaling and in the re gulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced tran script variants encoding the same protein have been observed. [provided by RefSeq
Other Designations	protein kinase C delta VIII

Pathway

- Chemokine signaling pathway
- Fc epsilon RI signaling pathway
- Fc gamma R-mediated phagocytosis
- GnRH signaling pathway

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- Neurotrophin signaling pathway
- Tight junction
- Type II diabetes mellitus
- Vascular smooth muscle contraction

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Tobacco Use Disorder

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