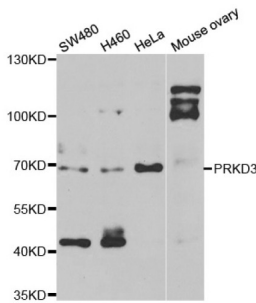
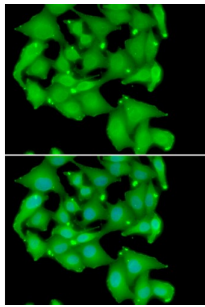


Protein Kinase D3 (PRKD3) Antibody

Catalogue No.: abx005355



Western blot analysis of extracts of various cell lines, using PRKD3 antibody (abx005355) at 1/1000 dilution.



Immunofluorescence analysis of A549 cells using PRKD3 antibody (abx005355). Blue: DAPI for nuclear staining.

PRKD3 Antibody is a Rabbit Polyclonal antibody against PRKD3. Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role. The protein encoded by this gene is one of the PKC family members. This kinase can be activated rapidly by the agonists of G protein-coupled receptors. It resides in both cytoplasm and nucleus, and its nuclear accumulation is found to be dramatically enhanced in response to its activation. This kinase can also be activated after B-cell antigen receptor (BCR) engagement, which requires intact phospholipase C gamma and the involvement of other PKC family members.

Target: Protein Kinase D3 (PRKD3)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human PRKD3.

Datasheet

Version: 3.0.0
Revision date: 24 Nov 2024



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O94806 (UniProt , ExPASy)
Gene Symbol:	PRKD3
GeneID:	23683
NCBI Accession:	NP_005804.1
KEGG:	hsa:23683
String:	9606.ENSP00000368356
Molecular Weight:	Calculated MW: 100 kDa Observed MW: 70 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.

For Reference Only