

Anti-PKC delta PRKCD Rabbit Monoclonal Antibody

Catalog Number: M00822

About PRKCD

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

Product Name	Anti-PKC delta PRKCD Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PKC delta PRKCD Rabbit Monoclonal Antibody catalog # M00822. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Conjugate	FITC
Application	IF, IHC, ICC, WB
Clonality	Monoclonal IHD-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q05655

Technical Details

Immunogen	A synthesized peptide derived from human PKC delta
Predicted Reactive Species	Human, Primate
Cross Reactivity	Detects ~20kDa. Does not cross-react with alphaB-crystallin, betaL-crystallin, ̢H- crystallin, gamma-crystallin, HSP25, HSP27 or HSP47 proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

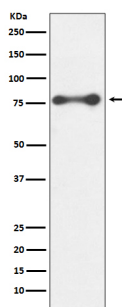
Boster Bio's internal QC testing used:

WB 1:500-1:2000

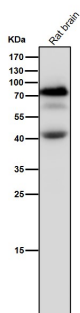
IHC 1:50-1:200

ICC/IF 1:50-1:200

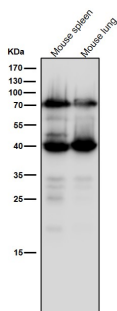
Anti-PKC delta PRKCD Rabbit Monoclonal Antibody (M00822) Images



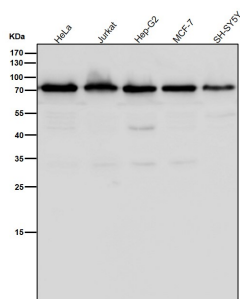
Western blot analysis of PKC delta expression in HeLa cell lysate.



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.

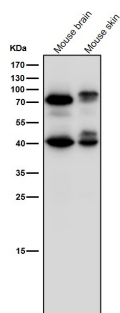


All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



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1 Publications Citing This Product

1. PubMed ID: 33745958, Shi Y, Jiang R, Qin X, Gao A, Hou X, Chen L, Xu X, Guo Y, Chai L, Zhao L, Du X, Wu F. Up-regulation of nPKC contributes to proliferation of mice pulmonary artery smooth muscle cells in hypoxia-induced pulmonary hypertension. Eur J Pharmacol. 2021 Mar 18:174046. doi: 10.1016/j.ejphar.2021.174046. Epub ahead of print. PMID: 33745958.

Visit bosterbio.com/anti-pkc-delta-rabbit-monoclonal-antibody-m00822-boster.html to see all 1 publications.

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