Datasheet for ABIN1531513

anti-PKD2 antibody (pSer876)

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1 Image

Overview

Quantity:	100 µg
Target:	PKD2
Binding Specificity:	AA 829-878, pSer876
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKD2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PKD2 around the phosphorylation site of Ser876.
Isotype:	IgG
Specificity:	PKD2 (Phospho-Ser876) Antibody detects endogenous levels of PKD2 only when phosphorylated at Ser876. PhosphorylationH:S876 M:S873 R:S873
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

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Target Details

Target:	PKD2
Alternative Name:	PKD2 (PKD2 Products)
Background:	Synonyms: HSPC187, KPCD2, KPCO, PRKD2, Protein kinase C, D2 type, Protein kinase D2, Protein kinase D2 homolog, kinase PKD2, nPKC-D2 NCBI Gene Symbol: PRKD2
Molecular Weight:	96 kDa
Gene ID:	25865
OMIM:	607074
UniProt:	Q9BZL6
Pathways:	cAMP Metabolic Process, Maintenance of Protein Location, Negative Regulation of Transporter Activity

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:60000
Comment:	Unigene-Number: Hs.466987 (NCBI Gene Symbol: PRKD2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

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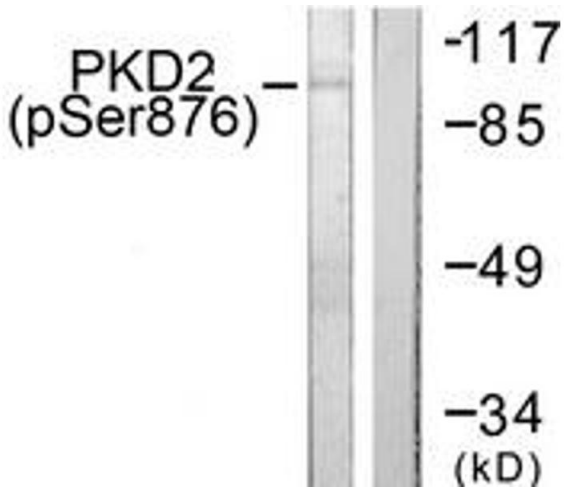

Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells treated with PMA 250ng/ml 15', using PKD2 (Phospho-Ser876) Antibody. The lane on the right is treated with the synthesized peptide.

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