

## Anti-Phospho-PKD2 (S876) PRKD2 Antibody

Catalog Number: A04056S876-1

### About PRKD2

Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore By similarity.

Goping I.S., FEBS Lett. 373:45-50(1995).

Seki N., FEBS Lett. 375:307-310(1995).

Hernandez J.M., Gene 239:283-291(1999)

### Overview

Product Name	Anti-Phospho-PKD2 (S876) PRKD2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PKD2 (S876) PRKD2 Antibody catalog # A04056S876-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	Q9BZL6

### Technical Details

Immunogen	Synthesized peptide derived from human PKD2 around the phosphorylation site of S876.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**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 1:100-1:300

ELISA 1:40000

## Anti-Phospho-PKD2 (S876) PRKD2 Antibody (A04056S876-1) Images

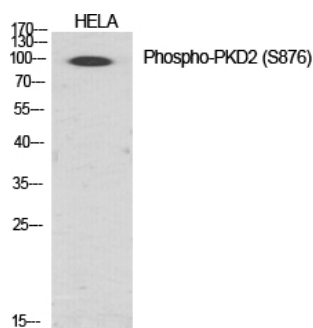


Figure 1. Western blotting validation for Anti-Phospho-PKD2 (S876) PRKD2 Antibody A04056S876-1

Western Blot (WB) analysis of specific cells using Phospho-PKD2 (S876) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

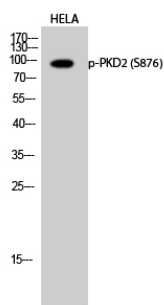


Figure 2. Western blotting validation for Anti-Phospho-PKD2 (S876) PRKD2 Antibody A04056S876-1

Western Blot (WB) analysis of HeLa cells using Phospho-PKD2 (S876) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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