For research purposes only, not for human use

Product Data Sheet

Anti-PRKD2 (Phospho-S876) Antibody

Catalog #	Source	Reactivity	Applications
CPA4172	Rabbit	H	WB, IH

Description	Rabbit polyclonal antibody to PRKD2 (Phospho-S876)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S876 of human PRKD2 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PRKD2 protein only when phosphorylated at S876.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)
Gene Symbol	PRKD2
Alternative Names	PKD2; Serine/threonine-protein kinase D2; nPKC-D2
Entrez Gene	25865 (Human)
SwissProt	Q9BZL6 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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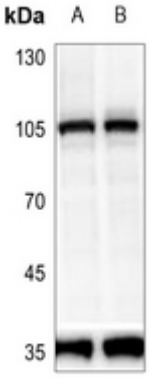
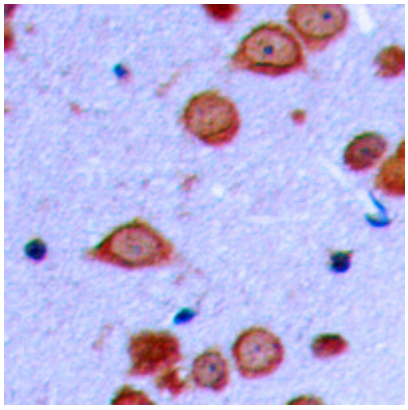


Western blot analysis of PRKD2 (Phospho-S876) expression in HEK293T (A), HEK293T-PMA-5 min (B) whole cell lysates. (Predicted band size: 96 kD; Observed band size: 105 kD)



Immunohistochemical analysis of PRKD2 (Phospho-S876) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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