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Product datasheet for AP31327PU-N

Protein Kinase D2 (PRKD2) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA:** 1/5000. **Immunohistochemistry on Paraffin Sections:** 1/100. **Western Blot:** 1/500 - 1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated
Specificity:	This antibody detects endogenous levels of total PKD2 protein.
Formulation:	PBS (without Mg2+, Ca2+), pH 7.4 containing 150 mM Sodium Chloride, 0.02% Sodium Azide and 50% Glycerol. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein kinase D2
Database Link:	Entrez Gene 101540 MouseEntrez Gene 292658 RatEntrez Gene 25865 Human Q9BZL6
Background:	PKD2, a PKD type protein kinase, contains a N-terminal hydrophobic domain predicted to be a transmembrane region, two cysteine-rich motifs that form zinc finger-like repeats, a pleckstrin homology domain, and a putative kinase domain containing the ATP-binding consensus sequence.

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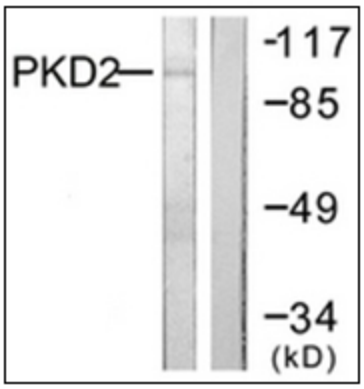
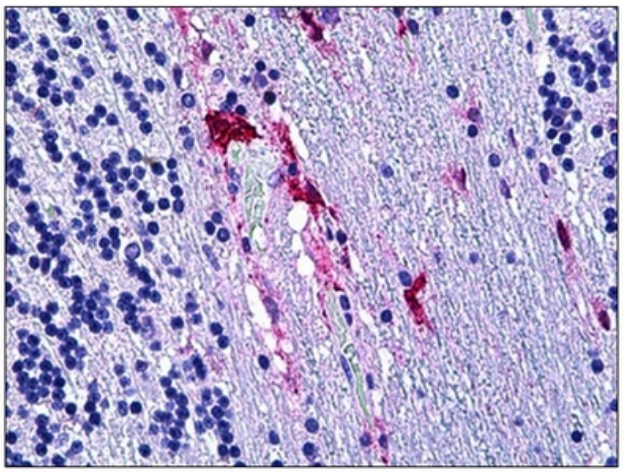
Synonyms: PKC-D2, nPKC-D2, HSPC187

Protein Families: Druggable Genome, Protein Kinase

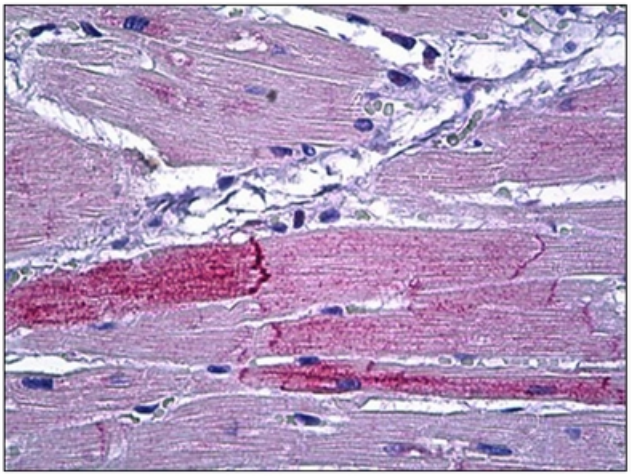
Product images:



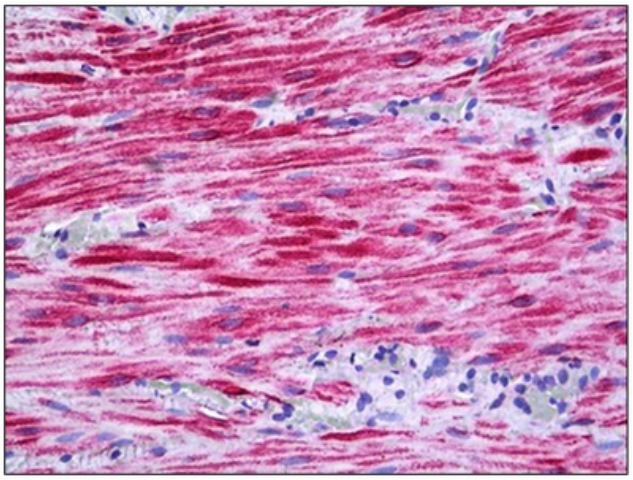
Western blot analysis of extracts from NIH-3T3 cells, treated with PMA 250ng/ml 15', using PKD2 Antibody. The lane on the right is treated with the synthesized peptide.



Human Brain Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)