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Product datasheet for TA350764

PKC nu (PRKD3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human testis tissue, K562, A549, Raji, NIH/3T3 and Hela cells IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PRKD3
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	100 kDa
Gene Name:	protein kinase D3
Database Link:	NP_005804 Entrez Gene 75292 MouseEntrez Gene 23683 Human O94806

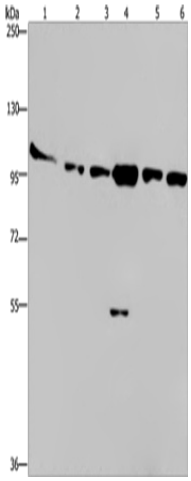
View online »

Background: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role. The protein encoded by this gene is one of the PKC family members.

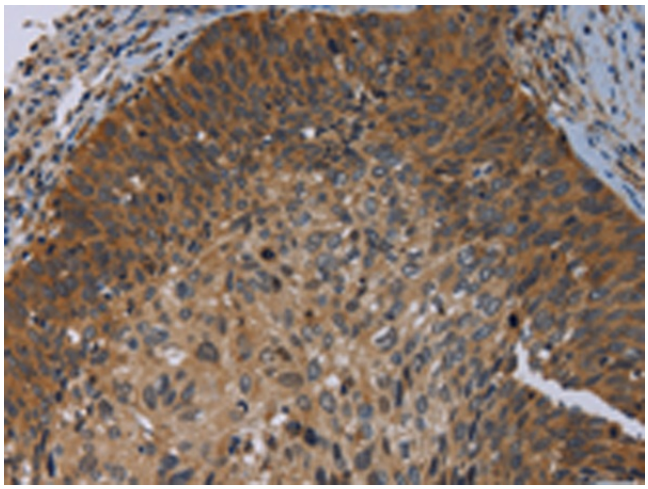
Synonyms: EPK2; nPKC-NU; PKC-NU; PKD3; PRKCN

Protein Families: Druggable Genome, Protein Kinase

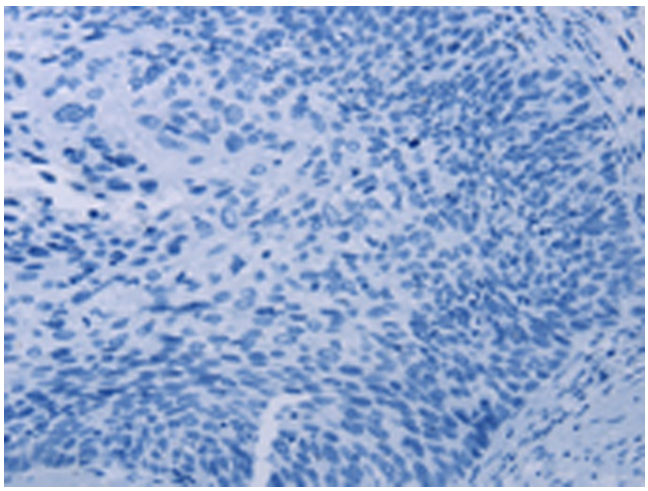
Product images:



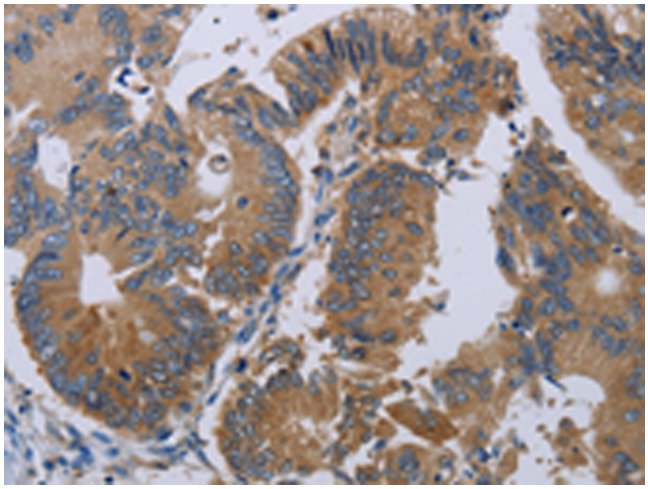
Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-6: Human testis tissue
K562 cells
A549 cells
Raji cells
NIH/3T3 cells
Hela cells
Primary antibody: TA350764 (PRKD3 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 minutes



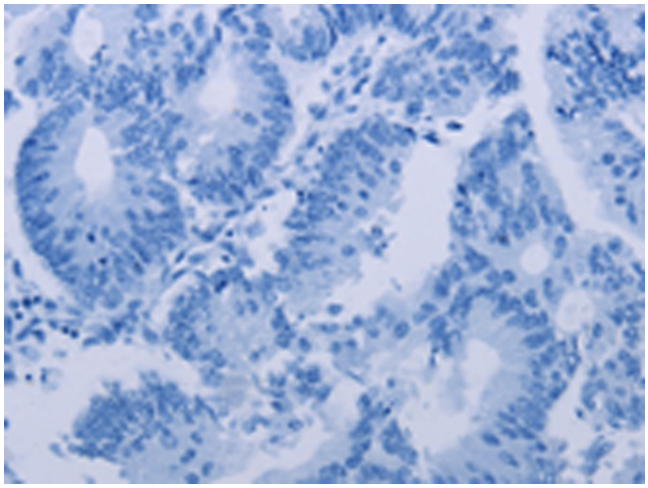
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA350764 (PRKD3 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA350764 (PRKD3 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350764 (PRKD3 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350764 (PRKD3 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)