

Product datasheet for **TA350764S**

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% NaN ₃ , 40% Glycerol
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 Mouse Entrez Gene 23683 Human O94806



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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.

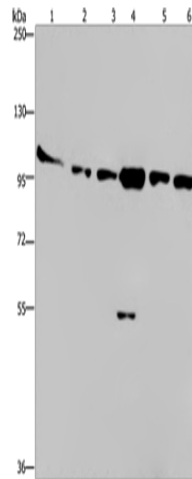
Synonyms:

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

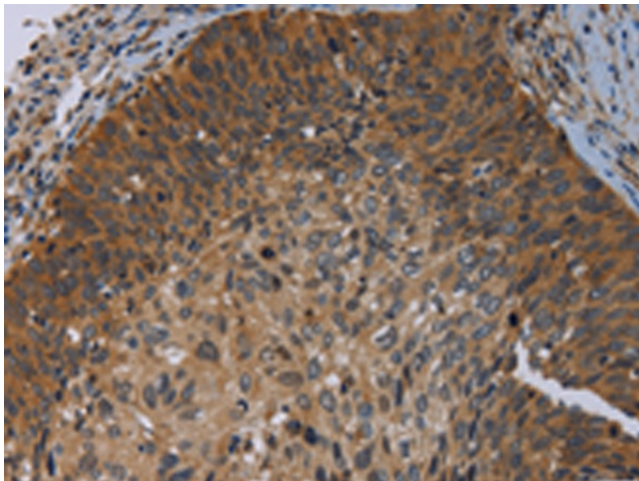
NIH/3T3 cells

HeLa cells

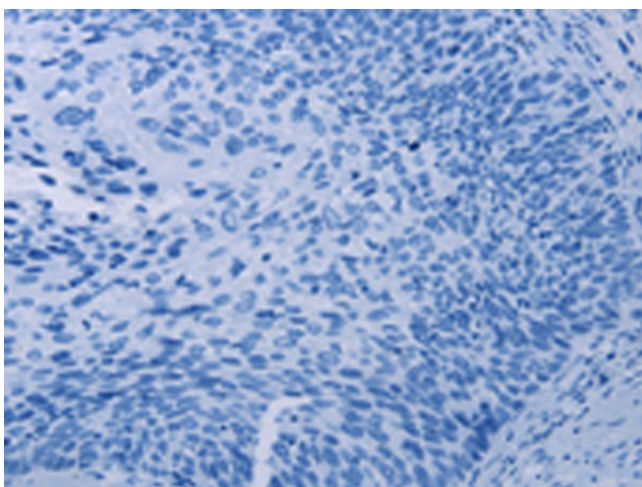
Primary antibody: [TA350764] (PRKD3 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

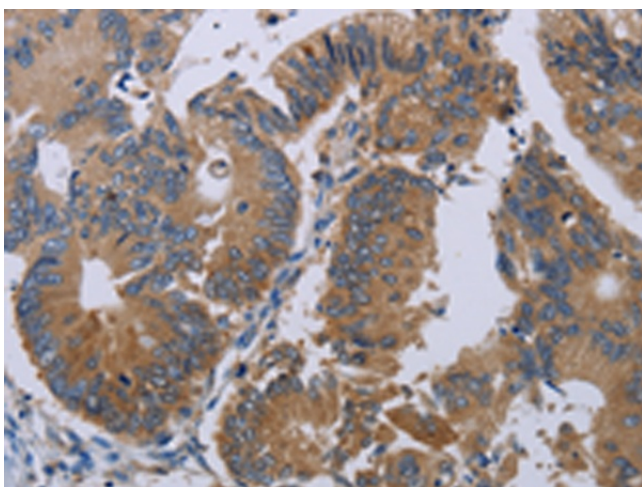
Exposure time: 10 minutes



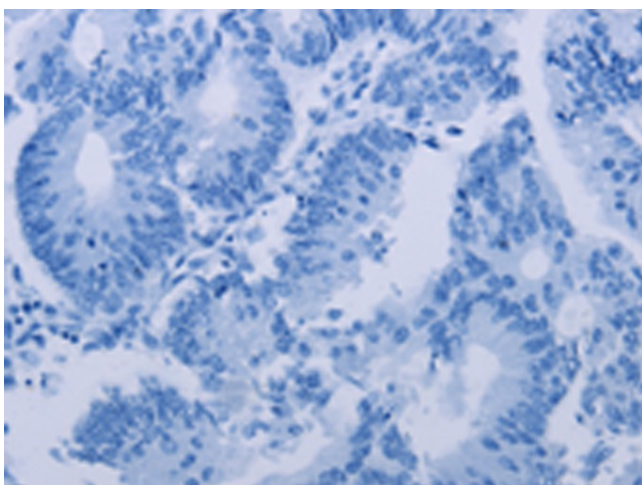
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA350764] (PRKD3 Antibody) at dilution 1/50 (Original magnification: ×200)



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



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



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