

Product datasheet for **TA358286**

Protein kinase like protein SgK493 (PKDCC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PKDCC
Specificity:	Expected reactivity: Human Homology: Cow: 100%; Dog: 78%; Human: 100%; Mouse: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	54 kDa
Gene Name:	protein kinase domain containing, cytoplasmic
Database Link:	NP_612379.2 Entrez Gene 91461 Human Q504Y2



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Background:

Secreted tyrosine-protein kinase that mediates phosphorylation of extracellular proteins and endogenous proteins in the secretory pathway, which is essential for patterning at organogenesis stages. Mediates phosphorylation of MMP1, MMP13, MMP14, MMP19 and ERP29. Probably plays a role in platelets: rapidly and quantitatively secreted from platelets in response to stimulation of platelet degranulation. May also have serine/threonine protein kinase activity. Required for longitudinal bone growth through regulation of chondrocyte differentiation. May be indirectly involved in protein transport from the Golgi apparatus to the plasma membrane.

Synonyms:

FLJ18197; MGC125960; SGK493; Vlk

Protein Families:

Druggable Genome, Protein Kinase

Product images:

Host: Rabbit
Target Name: PKDCC
Sample Type: Fetal Brain Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: PKDCC
Sample Tissue: Human Fetal Brain lysates
Antibody Dilution: 1 ug/ml