

# **Product datasheet for TA358286**

#### OriGene Technologies, Inc.

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## 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



#### Protein kinase like protein SgK493 (PKDCC) Rabbit Polyclonal Antibody - TA358286

**Background:** Secreted tyrosine-protein kinase that mediates phosphorylation of extracellular proteins and

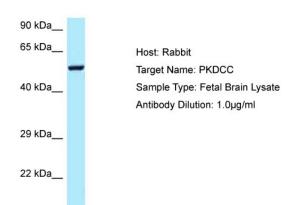
endogenous proteins in the secretory pathway, which is essential for patterning at

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 Tissue: Human Fetal Brain lysates

Antibody Dilution: 1ug/ml