antibodies -online.com







Overview

| Quantity: | 100 μL |
|----------------------|--------------------------------------|
| Target: | PKDCC |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PKDCC antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human PKDCC |
|-----------------------|--|
| Sequence: | GGRGELARQI RARYEEVQRY SRGGPGPGAG RPERRRLMDL APGGPGLPRP |
| Predicted Reactivity: | Cow: 100%, Dog: 78%, Human: 100%, Mouse: 100% |
| Purification: | Affinity purified |

Target Details

| Target: | PKDCC |
|-------------------|--|
| Alternative Name: | PKDCC (PKDCC Products) |
| 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.

Alias Symbols: Vlk, SGK493

Protein Size: 493

 Gene ID:
 91461

 NCBI Accession:
 NM_138370, NP_612379

 UniProt:
 Q504Y2

Application Details

| Application Notes: | Optimal working dilution should be determined by the investigator. |
|--------------------|--|
| Restrictions: | For Research Use only |
| Handling | |

| Format: | Liquid |
|--------------------|---|
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | 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. |