10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NKD2 Rabbit pAb

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Catalog # AP57457

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q969F2
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50055
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NKD2
Epitope Specificity	321-420/451
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane. Cytoplasm. Cytoplasmic vesicle.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of a family of proteins that function as negative regulators of Wnt receptor signaling through interaction with Dishevelled family members. The encoded protein participates in the delivery of transforming growth factor alpha-containing vesicles to the cell membrane. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]

Additional Information

Gene ID	85409
Other Names	Protein naked cuticle homolog 2, Naked-2, hNkd2, NKD2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NKD2

Function	Cell autonomous antagonist of the canonical Wnt signaling pathway. May activate a second Wnt signaling pathway that controls planar cell polarity (By similarity). Required for processing of TGFA and for targeting of TGFA to the basolateral membrane of polarized epithelial cells.
Cellular Location	Cell membrane. Cytoplasm. Cytoplasmic vesicle
Tissue Location	Expressed in kidney, lung, pancreas and spleen.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.