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

NKD2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2658a

Specification

NKD2 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q969F2
Other Accession	NP_149111.1, 85409, 72293 (mouse), 308068 (rat)
Predicted	**Human, Mouse, Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**50055**

NKD2 Antibody (internal region) - Additional Information

Gene ID 85409

Other Names
Protein naked cuticle homolog 2, Naked-2, hNkd2, NKD2

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NKD2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NKD2 Antibody (internal region) - 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.

NKD2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NKD2 Antibody (internal region) - Images

NKD2 Antibody (internal region) - References

Viable mice with compound mutations in the Wnt/Dvl pathway antagonists nkd1 and nkd2. Zhang S, Cagatay T, Amanai M, Zhang M, Kline J, Castrillon DH, Ashfaq R, Oz OK, Wharton KA Jr. Mol Cell Biol. 2007 Jun;27(12):4454-64. Epub 2007 Apr 16. PMID: 17438140