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

NKD2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12158b

Specification

NKD2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q969F2

NKD2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 85409

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NKD2 Antibody (C-term) Blocking peptide - 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 (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

NKD2 Antibody (C-term) Blocking peptide - Images

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

NKD2 Antibody (C-term) Blocking peptide - Background

In the mouse, Nkd is a Dishevelled (see DVL1; MIM601365)-binding protein that functions as a negative regulator ofthe Wnt (see WNT1; MIM 164820)-beta-catenin (see MIM 116806)-Tcf(see MIM 602272) signaling pathway.

NKD2 Antibody (C-term) Blocking peptide - References

Hu, T., et al. J. Biol. Chem. 285(18):13561-13568(2010)Ding, W., et al. Proc. Natl. Acad. Sci. U.S.A. 105(36):13433-13438(2008)Li, C., et al. Mol. Biol. Cell 18(8):3081-3093(2007)Adamowicz, M., et al. Genes Chromosomes Cancer 45(9):829-838(2006)Li, C., et al. Proc. Natl. Acad. Sci. U.S.A. 101(15):5571-5576(2004)