

NKD1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13613a**Specification**

NKD1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q969G9](#)**NKD1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 85407**Other Names**

Protein naked cuticle homolog 1, Naked-1, hNkd, hNkd1, NKD1, NKD

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13613a was selected from the N-term region of NKD1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

NKD1 Antibody (N-term) Blocking peptide - Protein Information**Name** NKD1**Synonyms** NKD**Function**

Cell autonomous antagonist of the canonical Wnt signaling pathway. May activate a second Wnt signaling pathway that controls planar cell polarity.

Cellular Location

Cell membrane. Cytoplasm

Tissue Location

Expressed in colon, heart, kidney, leukocyte, liver, lung, ovary, pancreas, placenta, prostate, skeletal muscle, small intestine and spleen.

NKD1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NKD1 Antibody (N-term) Blocking peptide - Images

NKD1 Antibody (N-term) Blocking peptide - Background

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

NKD1 Antibody (N-term) Blocking peptide - References

Guo, J., et al. PLoS ONE 4 (11), E7982 (2009) :Creyghton, M.P., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5397-5402(2006)Creyghton, M.P., et al. Genes Dev. 19(3):376-386(2005)Yan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 98(26):14973-14978(2001)Katoh, M. Int. J. Oncol. 19(5):963-969(2001)