

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

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**NKD1 Antibody (N-term) Blocking peptide - Product Information**Primary 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)