

NKD1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13613a**Specification**

NKD1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O969G9
Other Accession	NP_149110.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52285
Antigen Region	83-111

NKD1 Antibody (N-term) - Additional Information**Gene ID** 85407**Other Names**

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

Target/Specificity

This NKD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-111 amino acids from the N-terminal region of human NKD1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

NKD1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NKD1 Antibody (N-term) - 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

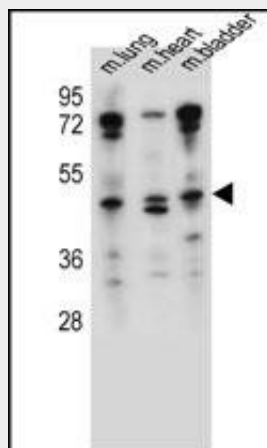
Expressed in colon, heart, kidney, leukocyte, liver, lung, ovary, pancreas, placenta, prostate, skeletal muscle, small intestine and spleen.

NKD1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NKD1 Antibody (N-term) - Images



NKD1 Antibody (N-term) (Cat. #AP13613a) western blot analysis in mouse lung, heart, bladder tissue lysates (35ug/lane). This demonstrates the NKD1 antibody detected the NKD1 protein (arrow).

NKD1 Antibody (N-term) - Background

In the mouse, Nkd is a Dishevelled (see DVL1; MIM 601365)-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) - References

Guo, J., et al. PLoS ONE 4 (11), E7982 (2009) : Creighton, M.P., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5397-5402(2006) Creighton, 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)