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NKD1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13613a

Specification

NKD1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q969G9
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

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

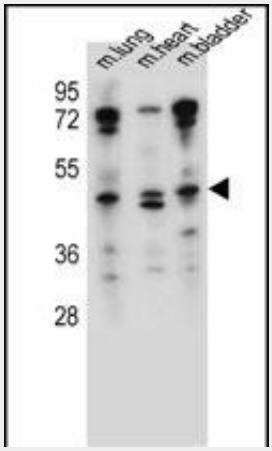
Tissue Location
Expressed in colon, heart, kidney, leukocyte, liver, lung, ovary, pancreas, placenta, prostate, skeletal muscle, small intestine and spleen.

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 Cytomety
- 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) : 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)