

**NKD2 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2658a

**Specification**

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**NKD2 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">O969F2</a>
Other Accession	<a href="#">NP_149111.1</a> , <a href="#">85409</a> , <a href="#">72293 (mouse)</a> , <a href="#">308068 (rat)</a>
Predicted Host	Human, Mouse, Rat
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	50055

**NKD2 Antibody (internal region) - Additional Information**

**Gene ID** 85409

**Other Names**

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

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NKD2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**NKD2 Antibody (internal region) - 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 (internal region) - 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](#)

**NKD2 Antibody (internal region) - Images****NKD2 Antibody (internal region) - References**

Viable mice with compound mutations in the Wnt/Dvl pathway antagonists nkd1 and nkd2. Zhang S, Cagatay T, Amanai M, Zhang M, Kline J, Castrillon DH, Ashfaq R, Oz OK, Wharton KA Jr. Mol Cell Biol. 2007 Jun;27(12):4454-64. Epub 2007 Apr 16. PMID: 17438140