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Datasheet for ABIN2776729 anti-NKD1 antibody (N-Term)

3 Images



Overview

Quantity:	100 µL
Target:	NKD1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Alternative Name:

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NKD1
Sequence:	ELVGDVLRDT LSEEEEDDFR LEVALPPEKT DGLGSGDEKK MERVSEPCPG
Predicted Reactivity:	Cow: 85%, Dog: 92%, Guinea Pig: 100%, Human: 100%, Mouse: 85%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NKD1. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	NKD1

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NKD1 (NKD1 Products)

Target Details

Background:	In the mouse, Nkd is a Dishevelled -binding protein that functions as a negative regulator of the Wnt-beta-catenin -Tcf signaling pathway.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.[supplied by OMIM]. Alias Symbols: Naked1 Protein Interaction Partner: DVL3,
Molecular Weight:	52 kDa
Gene ID:	85407
NCBI Accession:	NM_033119, NP_149110
UniProt:	Q969G9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 470 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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Immunohistochemistry

Image 1.

Immunohistochemistry

Image 2. Rabbit Anti-NKD1 Antibody Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

70	kDa
60	kDa
48	kDa
36	kDa
21	kDa

Western Blotting

Image 3. WB Suggested Anti-NKD1 Antibody Titration: 1 ug/ml Positive Control: HepG2 cell lysate

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