NKD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NKD2, Polyclonal Antibody
Full Product Name	NKD2 rabbit pAb
Product Gene Name	anti-NKD2 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	34,314 Da
OMIM	AF358137 mRNA
3D Structure	ModBase 3D Structure for Q969F2
Product Categories/Family for anti-NKD2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NKD2 antibody	Western Blot (WB)
Application Notes for anti-NKD2 antibody	WB: 1:500-2000
Related Product Information for anti-NKD2 antibody	This gene encodes a member of a family of proteins that function as negative regulators of Wnt receptor signaling through interaction with Dishevelled family members. The encoded protein participates in the delivery of transforming growth factor alpha-containing vesicles to the cell membrane. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]
Other Notes	Small volumes of anti-NKD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NKD2 purchase	MBS8600891 is an antibody targeting NKD2. Also known as NKD2 rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NKD2. It may not necessarily be applicable to this product.

NCBI GI #	402747026
NCBI GeneID	85409
NCBI Accession #	NP_001258011.1
UniProt Primary Accession #	Q969F2
UniProt Secondary Accession #	Q96EK8; Q9BSN0

UniProt Related Accession #	Q969F2
GenBank Nucleotide #	NM_001271082.1
NCBI Official Full Name	protein naked cuticle homolog 2 isoform 2
NCBI Official Synonym Full Names	naked cuticle homolog 2
NCBI Official Symbol	NKD2
NCBI Official Synonym Symbols	Naked2
UniProt Protein Name	Protein naked cuticle homolog 2
Protein Family	Protein naked cuticle
UniProt Gene Name	NKD2
UniProt Synonym Gene Names	Naked-2; hNkd2
NCBI Protein Information	protein naked cuticle homolog 2
UniProt Comments for NKD2	Cell autonomous antagonist of the canonical Wnt signaling pathway. May activate a second Wnt signaling pathway that controls planar cell polarity (). Required for processing of TGFA and for targeting of TGFA to the basolateral membrane of polarized epithelial cells.
Research Articles on NKD2	**1.** NKD2 is frequently methylated in human esophageal cancer, and the expression of NKD2 is regulated by promoter region methylation. NKD2 suppresses esophageal cancer progression by inhibiting Wnt signaling both in vitro and in vivo.
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