

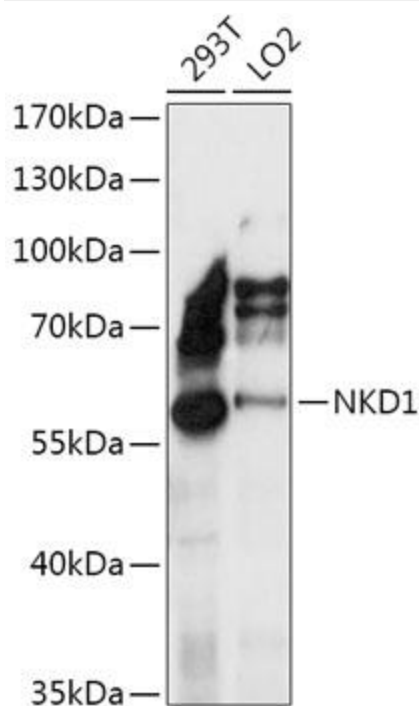


NKD1 Mouse mAb

Catalog No	YP-mAb-18450
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NKD1 (NP_149110.1).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:500 - 1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Naked1;NKD1
Observed Band	60kDa
Calculated Molecular Weight	52kDa
Cell Pathway	Mitochondrion outer membrane ; Single-pass type IV membrane protein . Colocalizes with MGARP and RHOT2 at the mitochondria.
Tissue Specificity	Mitochondrion outer membrane ; Single-pass type IV membrane protein . Colocalizes with MGARP and RHOT2 at the mitochondria.
Function	Mitochondrial GTPase involved in mitochondrial trafficking . Probably involved in control of anterograde transport of mitochondria and their subcellular distribution .
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.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of various lysates using NKD1 Mouse pAb (A17799) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.