

## Goat anti-NKD2 Antibody

<b>Item Number</b>	dAP-1252
<b>Target Molecule</b>	Principle Name: NKD2; Official Symbol: NKD2; All Names and Symbols: NKD2; naked cuticle homolog 2 (Drosophila); Dvl-binding protein NKD2; naked cuticle homolog 2; naked cuticle-2; Accession Number (s): NP_149111.1; Human Gene ID(s): 85409; Non-Human GeneID(s): 72293 (mouse) 308068 (rat)
<b>Immunogen</b>	HKRYRQKGREGHS, is from internal region
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave bands at approx 80kDa, 38kDa and 26kDa in Mouse Brain lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calcu
<b>IHC</b>	
<b>Reference</b>	Reference(s): Zhang S, Cagatay T, Amanai M, Zhang M, Kline J, Castrillon DH, Ashfaq R, Oz OK, Wharton KA Jr. Viable mice with compound mutations in the Wnt/Dvl pathway antagonists nkd1 and nkd2. Mol Cell Biol. 2007 Jun;27(12):4454-64. Epub 2007 Apr 16.. PMID: 17438140 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**