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EB08176 - Goat Anti-NKD2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: NKD2, naked cuticle homolog 2 (Drosophila), Dvl-binding protein NKD2, naked cuticle homolog 2, naked cuticle-2
Official Symbol: NKD2
Accession Number(s): NP_149111.1
Human GeneID(s): 85409
Non-Human GeneID(s): 72293 (mouse), 308068 (rat)

Immunogen

Peptide with sequence C-HKRYRQKGREGHS, from the internal region of the protein sequence according to NP_149111.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
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 calculated size of 51.5kDa according to Mouse NP_082462.2 and of 50.1kDa according to Human NP_149111.1. All the detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Rat