

Goat anti-NIR1 / PITPNM3 Antibody

Item Number dAP-0509

Target Molecule Principle Name: NIR1 / PITPNM3; Official Symbol: PITPNM3; All Names and Symbols: PITPNM3; NIR1; PITPNM family member 3; PYK2 N-terminal domain-interacting receptor 1; RDGBA3; CORD5; MGC157740; MGC157741; membrane-associated phosphatidylinositol transfer protein 3; retinal degeneration B alpha 3; Accession Number (s): NP_112497.2; NP_001159438.1; Human Gene ID(s): 83394; Non-Human GeneID(s):

Immunogen SWARGPPKFESVP, is from C Terminus

Applications Pep ELISA, IHC

Species Tested: Human

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

Supplied As 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 16000.

Western Blot Western Blot: Preliminary experiments gave an approx 50kDa band in Human Heart lysates after 0.1µg/ml antibody staining. The 50kDa band was successfully blocked by incubation with the immunizing peptide. Please note that currently we cannot find an expla

IHC Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows strong staining of cytoplasm in several neuronal cells. Recommended concentration, 5-10µg/ml.

Reference Reference(s): Lev S, Hernandez J, Martinez R, Chen A, Plowman G, Schlessinger J. Identification of a novel family of targets of PYK2 related to Drosophila retinal degeneration B (rdgB) protein. Mol Cell Biol. 1999 Mar;19(3):2278-88.. PMID: 10022914 ->

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 ender users! This product is sold for **Research Use Only**