

Goat anti-NPC1 Antibody

Item Number	dAP-2905
Target Molecule	Principle Name: NPC1; Official Symbol: NPC1; All Names and Symbols: NPC1; Niemann-Pick disease, type C1; FLJ98532; NPC; Accession Number (s): NP_000262.2; Human Gene ID(s): 4864; Non-Human GeneID(s):
Immunogen	TYHTVLQTSADFID, is from internal region
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 170kDa band observed in lysates of cell line HEK293 (calculated MW of 142kDa according to NP_000262.2). Recommended concentration: 0.5-1.5µg/ml.
IHC	

Reference	Reference(s): Tang Y, Leao IC, Coleman EM, Broughton RS, Hildreth JE, Deficiency of niemann-pick type C-1 protein impairs release of human immunodeficiency virus type 1 and results in Gag accumulation in late endosomal/lysosomal compartments. Journal of virology 2009 Aug 83 (16): 7982-95..PMID: 19474101-
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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**