

## Goat anti-NPC2 Antibody

Item Number	dAP-2078
Target Molecule	Principle Name: NPC2; Official Symbol: NPC2; All Names and Symbols: NPC2; Niemann-Pick disease, type C2; EDDM1; HE1; MGC1333; NP-C2; epididymal protein 1; epididymal secretory protein; epididymal secretory protein E1; tissue-specific secretory protein; Accession Number (s): NP_006423.1; Human Gene ID(s): 10577; Non-Human GenID(s):
Immunogen	QAEPVQFKDCGSVD, 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 2000.
Western Blot	Western Blot: Experiments gave bands at approx 20kDa and 23kDa in Human Testis lysates. These bands correspond to earlier findings in literature with different antibodies (Légaré et al, Mol Hum Reprod. 2006 Jul;12(7):461-8; PMID: 16772431. This protein
IHC	
Reference	Reference(s): Xu Z, Farver W, Kodukula S, Storch J, Regulation of sterol transport between membranes and NPC2. Biochemistry 2008 Oct 47 (42): 11134-43..PMID: 18823126->

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**