



Goat anti-DPM1 Antibody

Item Number	dAP-1604
Target Molecule	Principle Name: DPM1; Official Symbol: DPM1; All Names and Symbols: DPM1; dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit; CDGIE; MPDS; dolichol monophosphate mannose synthase; dolichyl-phosphate mannosyltransferase polypeptide 1; Accession Number (s): NP_003850.1; Human Gene ID(s): 8813; Non-Human GeneID(s):
Immunogen	RELEVRSPRQNKYS, is from N Terminus
Applications	Pep ELISA, WB, 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 32000.
Western Blot	Western Blot: Approx. 28kDa band observed in Human Liver lysates (calculated MW of 29.6kDa according to NP_003850.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Ashida H, Maeda Y, Kinoshita T DPM1, the catalytic subunit of dolichol-phosphate mannose synthase, is tethered to and stabilized on the endoplasmic reticulum membrane by DPM3 J Biol Chem. 2006 Jan 13;281(2):896-904.PMID: 16280320->

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**