

Goat anti-Dpm1 (mouse) Antibody

Item Number	dAP-1601
Target Molecule	Principle Name: Dpm1 (mouse); Official Symbol: Dpm1; All Names and Symbols: DPM1; dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit; RP23-391M18.1; AI118379; AI194292; OTTMUSP00000017164; dolichol monophosphate mannose synthase; dolichyl-phosphate mannosyltransferase polypeptide 1; Accession Number (s): NP_034202.1; Human Gene ID(s): ; Non-Human GeneID(s): 13480 (mouse) 296394 (rat)
Immunogen	PQGRSSRQDKYS, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Rat
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 64000.
Western Blot	Western Blot: Approx. 29kDa band observed in Rat Liver lysates (calculated MW of 29.2kDa according to Mouse NP_034202.1 and to Rat NP_001100014.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
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 end users! This product is sold for **Research Use Only**