

Goat anti-DPM2 Antibody

Item Number	dAP-1792
Target Molecule	Principle Name: DPM2; Official Symbol: DPM2; All Names and Symbols: DPM2; dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit; MGC111193; MGC21559; dolichol phosphate-mannose biosynthesis regulatory protein; dolichol phosphate-mannose synthase 2; Accession Number (s): NP_003854.1; Human Gene ID(s): 8818; Non-Human GeneID(s):
Immunogen	SYVMLKTKRVTKKAQ, is from C Terminus
Applications	Pep ELISA Species Tested:
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 8000.
Western Blot	Western Blot: Preliminary experiments in Human Breast and Breast cancer lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported
IHC	
Reference	Reference(s): Watanabe R, Murakami Y, Marmor MD, Inoue N, Maeda Y, Hino J, Kangawa K, Julius M, Kinoshita T. Initial enzyme for glycosylphosphatidylinositol biosynthesis requires PI3-P and is regulated by DPM2. EMBO J. 2000 Aug 15;19(16):4402-11..PMID: 10944123->

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**