



Goat anti-DPM3 Antibody

Item Number	dAP-2852
Target Molecule	Principle Name: DPM3; Official Symbol: DPM3; All Names and Symbols: DPM3; dolichyl-phosphate mannosyltransferase polypeptide 3; MGC125904; MGC125905; MGC34275; dolichol-phosphate mannose synthase subunit 3; dolichyl-phosphate beta-D-mannosyltransferase subunit 3; mannose-P-dolichol synthase subunit 3; prostin 1; Accession Number (s): NP_061846.2; NP_714963.1; Human Gene ID(s): 54344; Non-Human GeneID(s):
Immunogen	HDCEDAARELQSQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_061846.2 and NP_714963.1).
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 1000.
Western Blot	Western Blot: Approx 10+13kDa bands observed in lysates of cell line K562 (calculated MW of 13.3kDa according to NP_061846.2 and 10.1kDa according to NP_714963.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Manos EJ, Kim ML, Kassis J, Chang PY, Wells A, Jones DA Dolichol-phosphate-mannose-3 (DPM3)/prostin-1 is a novel phospholipase C-gamma regulated gene negatively associated with prostate tumor invasion Oncogene. 2001 May 17;20(22):2781-90.PMID: 11420690->

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**