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Research Use Only. Not for diagnostic or therapeutic use.

EB08946 - Goat Anti-DPM3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: DPM3

Accession Number(s): NP_061846.2; NP_714963.1

Human GeneID(s): 54344

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_061846.2 and NP_714963.1).

Immunogen

Peptide with sequence HDCEDAARELQSQ, from the internal region of the protein sequence according to NP_061846.2; NP_714963.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig



EB08946 ($2\mu g/ml$) staining of K562 lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.