

Anti-GMPPB Antibody

Catalog Number: A08665

About GMPPB

GMPPB is a cytoplasmic enzyme that catalyzes the formation of GDP-mannose, a key substrate for several glycosylation pathways, including O-mannosylation of alpha-DG. GMPPB facilitates the formation of the sugar donor GDP-mannose and pyrophosphate from mannose-1-phosphate and GTP, a very early step in the glycosylation pathway (PMID: 37834154, 27147698). GMPPB mutations correlate with several congenital diseases, including severe congenital muscular dystrophy (CMD) with abnormalities in the brain and eye (PMID: 26310427, 30684953). Western blot analysis detected GMPPB at an apparent molecular mass of 40 kDa.

Overview

Product Name	Anti-GMPPB Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GMPPB Antibody catalog # A08665. Tested in WB, IHC, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9Y5P6

Technical Details

Immunogen	E.coli-derived human GMPPB recombinant protein (Position: A3-R357).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400

ELISA, 1:100-1000

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