

For Research Use Only

BMPR1B Polyclonal antibody

Catalog Number: 26696-1-AP



Basic Information

Catalog Number: 26696-1-AP	GenBank Accession Number: BC047773	Purification Method: Antigen affinity purification
Size: 750 µg/ml	GeneID (NCBI): 658	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O00238	
Isotype: IgG	Full Name: bone morphogenetic protein receptor, type IB	
Immunogen Catalog Number: AG24902	Calculated MW: 57 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse colon tissue, rat colon tissue
Species Specificity: human, mouse, rat	

Background Information

BMPR1B (Bone morphogenetic protein receptor type-1B) is also named as CDw293. BMPR1B belongs to the protein kinase superfamily. BMPR1B is on ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. BMPR1B is receptor for BMP7/OP-1 and GDF5. BMPR1B Positively regulates chondrocyte differentiation through GDF5 interaction.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

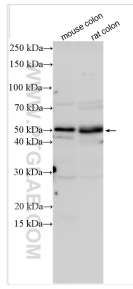
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26696-1-AP (BMPR1B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.