

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: 150ul , Concentration: 750 µg/ml by Nanodrop;	GeneID (NCBI): 658	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: bone morphogenetic protein receptor, type IB	
Isotype: IgG	Calculated MW: 57 kDa	
Immunogen Catalog Number: AG24902	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

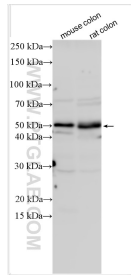
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.