

For Research Use Only

BMPR1A Recombinant antibody

Catalog Number: 82928-1-RR



Basic Information

Catalog Number: 82928-1-RR	GenBank Accession Number: BC028383	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 657	CloneNo.: 230137B7
Source: Rabbit	UNIPROT ID: P36894	Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: bone morphogenetic protein receptor, type IA	
Immunogen Catalog Number: AG3410	Calculated MW: 532 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse	WB : Jurkat cells, U2OS cells, HEK-293 cells, mouse heart tissue
	IP : HEK-293 cells,

Background Information

BMPR1A (Bone morphogenetic protein receptor type-1A) is also named as ACVRLK3, ALK3 and SKR5. BMPR1A is an essential receptor for BMP signaling (PMID: 26279380). BMPR1A is necessary for chondrogenesis and osteogenesis (PMID: 32764110). BMPR1A is a cell surface marker of human SuSCs (PMID: 33658353).

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

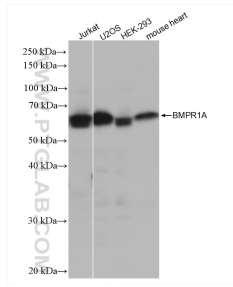
For technical support and original validation data for this product please contact:

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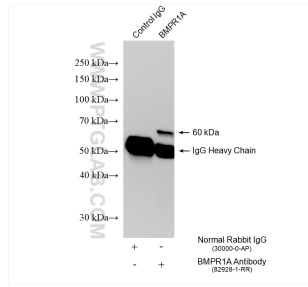
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82928-1-RR (BMPR1A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-BMPR1A (IP:82928-1-RR, 4ug; Detection:82928-1-RR 1:2000) with HEK-293 cells lysate 1920 ug.