

BMPR2 Polyclonal Antibody

Catalog number: 14376-1-AP

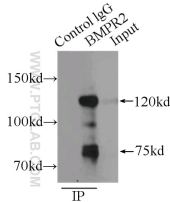
Size: 42 µg/150 µl

Source: Rabbit

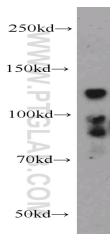
Isotype: IgG

Synonyms:

BMPR2; BMP type 2 receptor,
BMP type II receptor, BMPR 2,
BMPR II, BMPR2, BMPR3,
BMR2, BRK 3, FLJ41585,
FLJ76945, PPH1, T ALK



IP Result of anti-BMPR2 (IP:14376-1-AP, 4µg; Detection:14376-1-AP 1:500) with mouse brain tissue lysate 6500µg.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 14376-1-AP(BMPR2 antibody) at dilution of 1:1000

Background

BMPs (bone morphogenetic protein) are involved in endochondral bone formation and embryogenesis. BMPR2 encodes a member of the (BMP) receptor family of transmembrane serine/threonine kinases. It is a widely expressed receptor, with high mRNA expression during development in many tissues. Dimer of BMPR2 receptors (70-80 kD) forms a complex with a dimer of type I BMPR1(50-55 kD) in signal transduction. This antibody recognizes endogenous levels of total BMPR2 protein, including 115 kD precursor, 75 kD mature form and 150 kD dimer.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated BMPR2 MW:	115 kDa
Observed BMPR2 MW:	120kd,97kd
Positive WB detected in	Mouse brain tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5752
GenBank accession number:	BC052985
Gene ID (NCBI):	659
Full name:	Bone morphogenetic protein receptor, type II (serine/threonine kinase)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.