

BMPR2 antibody

Product Information

Catalog No.:	FNab00923
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

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. Binds to BMP7, BMP2 and, less efficiently, BMP4. Binding is weak but enhanced by the presence of type I receptors for BMPs. Mediates induction of adipogenesis by GDF6.

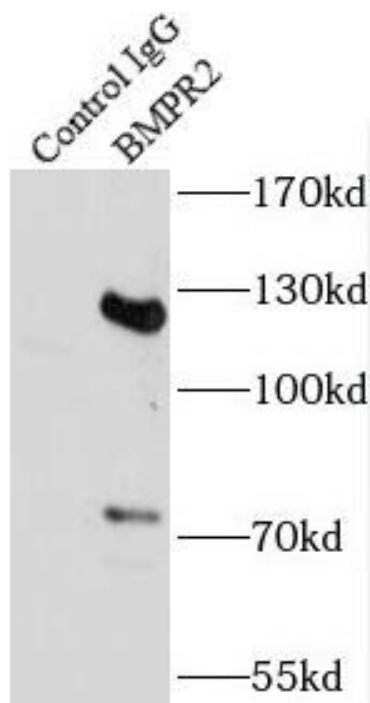
Immunogen information

Immunogen:	bone morphogenetic protein receptor, type II(serine/threonine kinase)
Synonyms:	Bone morphogenetic protein receptor type-2 (BMP type-2 receptor, BMPR-2) Bone morphogenetic protein receptor type II (BMP type II receptor, BMPR-II) BMPR2 PPH1
Observed MW:	120 kDa, 97 kDa
Uniprot ID :	Q13873

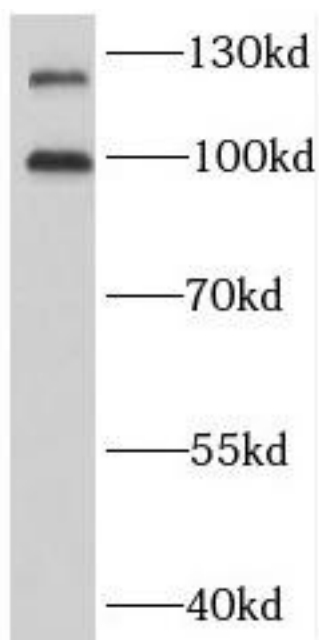
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:500-1:1000

Image:



IP Result of anti-BMP2 (IP:FNab00923, 4ug;
Detection:FNab00923 1:500) with mouse brain
tissue lysate 6500ug.



mouse brain tissue were subjected to SDS PAGE
followed by western blot with FNab00923(BMP2
antibody) at dilution of 1:1000