

BMPR1A antibody

Product Information

Catalog No.:	FNab00922
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. Receptor for BMP2, BMP4, GDF5 and GDF6. Positively regulates chondrocyte differentiation through GDF5 interaction. Mediates induction of adipogenesis by GDF6.

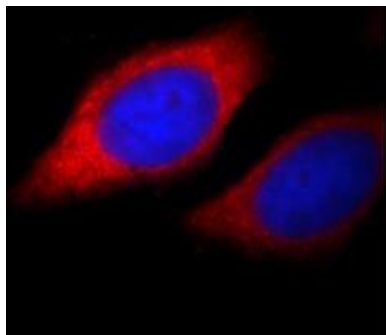
Immunogen information

Immunogen:	bone morphogenetic protein receptor, type IA
Synonyms:	Bone morphogenetic protein receptor type-1A (BMP type-1A receptor, BMPR-1A) Activin receptor-like kinase 3 (ALK-3) Serine/threonine-protein kinase receptor R5 (SKR5) BMPR1A ACVRLK3 ALK3
Observed MW:	60 kDa
Uniprot ID :	P36894

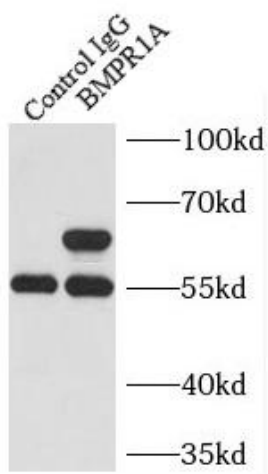
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IF, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:500-1:1000; IF: 1:10-1:100

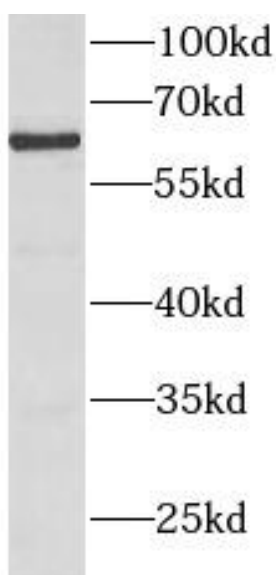
Image:



Immunofluorescent analysis of HeLa cells using FNab00922 (BMPRI1A antibody) at dilution of 1:25 and Alexa Fluor 594-conjugated Goat Anti-Rabbit IgG(H+L)



IP Result of anti-BMPRI1A (IP:FNab00922, 4ug; Detection:FNab00922 1:500) with HEK-293 cells lysate 2000ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab00922(BMPRI1A Antibody) at dilution of 1:1000