

anti- BMPR1A antibody

Product Information

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| 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

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| Immunogen: | bone morphogenetic protein receptor, type IA |
| Synonyms: | 10q23del, Activin receptor like kinase 3, ACVRLK3, ALK 3, ALK3, BMP type 1A receptor, BMPR 1A, BMPR1A, CD292, SKR5 |
| Observed MW: | 60 kDa |
| Uniprot ID : | P36894 |

Application

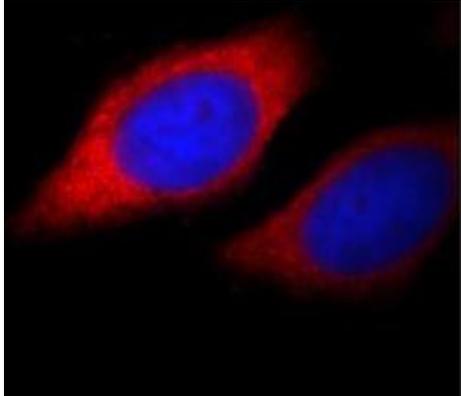
| | |
|---------------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
| Tested Application: | ELISA, WB, IF, IP |

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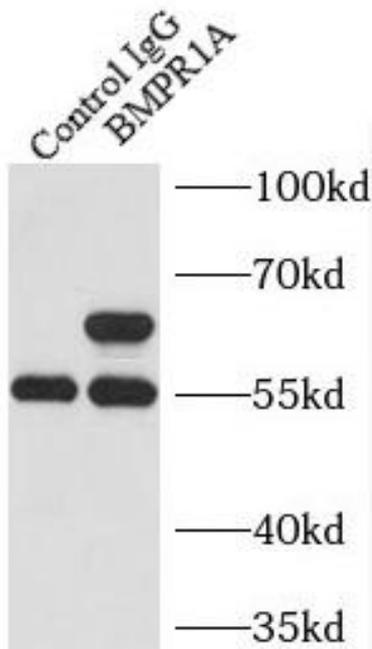
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

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.

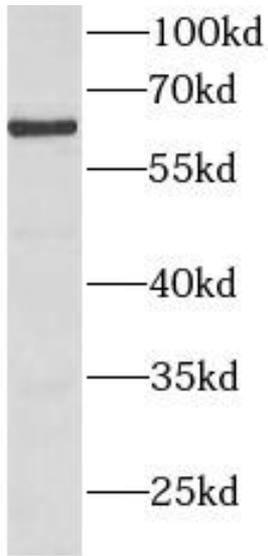
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Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab00922(BMPR1A Antibody) at dilution of 1:1000