

CD292 Polyclonal Antibody
Catalog # AP73711**Specification**

CD292 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P36894
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD292 Polyclonal Antibody - Additional Information**Gene ID** 657**Other Names**

BMPR1A; ACVRLK3; ALK3; 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; CD292

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD292 Polyclonal Antibody - Protein Information**Name** BMPR1A**Synonyms** ACVRLK3, ALK3**Function**

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. May promote the expression of HAMP, potentially via its interaction with BMP2 (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell surface
{ECO:0000250|UniProtKB:P36895}

Tissue Location

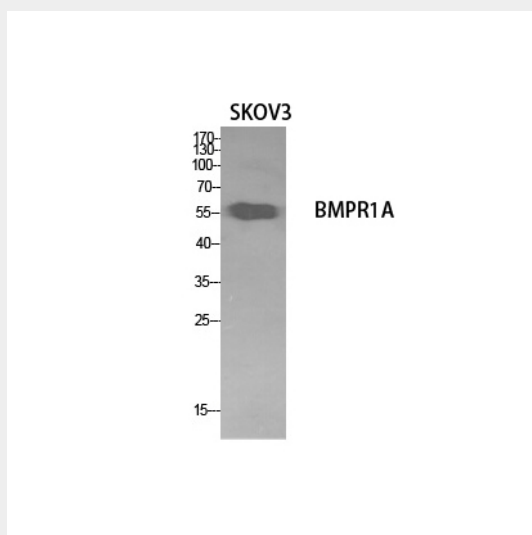
Highly expressed in skeletal muscle.

CD292 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD292 Polyclonal Antibody - Images



Western Blot analysis of SKOV3 cells using CD292 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

CD292 Polyclonal Antibody - Background

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