

**CD292 Polyclonal Antibody**  
Catalog # AP73711**Specification**

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**CD292 Polyclonal Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P36894</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**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 {ECO:0000250|UniProtKB:P36898}; Single-pass type I membrane protein. Cell surface {ECO:0000250|UniProtKB:P36895}

**Tissue Location**

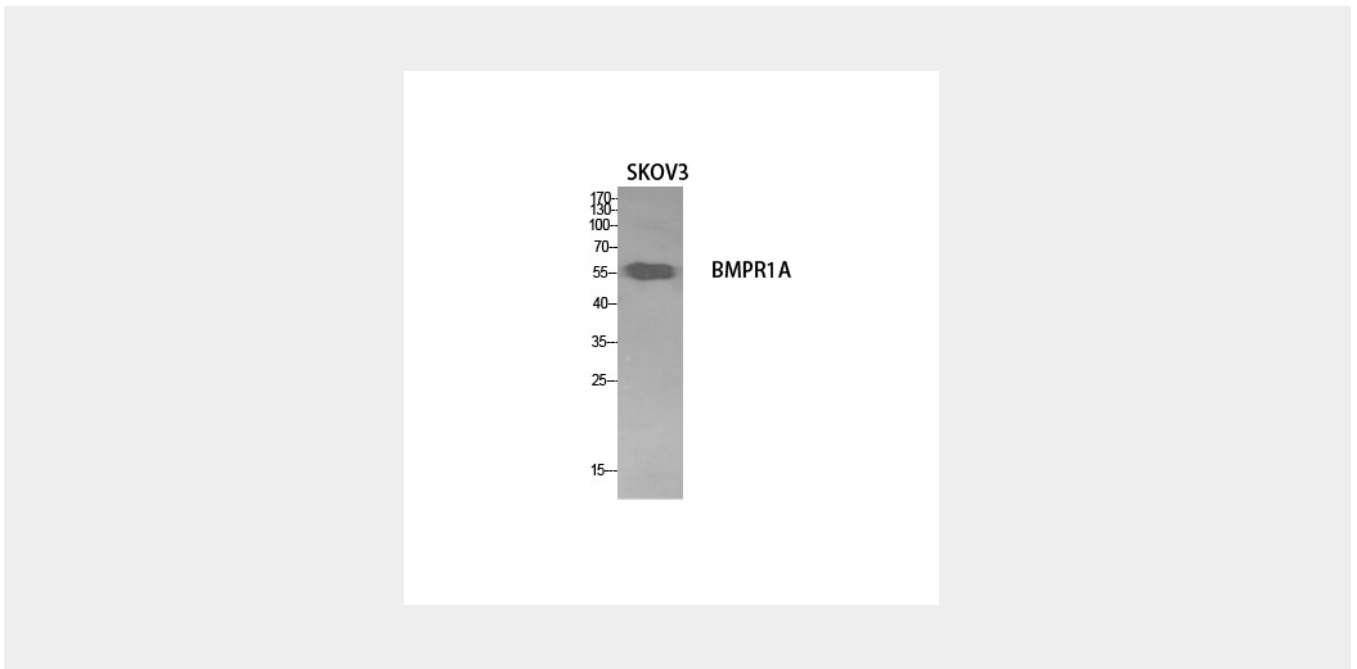
Highly expressed in skeletal muscle.

### 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



### CD292 Polyclonal Antibody - Background

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