

**Anti-CD292 Antibody**  
Rabbit polyclonal antibody to CD292  
Catalog # AP60232

**Specification**

---

**Anti-CD292 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P36894</a>
Other Accession	<a href="#">P36895</a>
Reactivity	<b>Human, Mouse, Rat, SARS</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>60198</b>

**Anti-CD292 Antibody - Additional Information**

**Gene ID** 657

**Other Names**

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

**Target/Specificity**

Recognizes endogenous levels of CD292 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-CD292 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

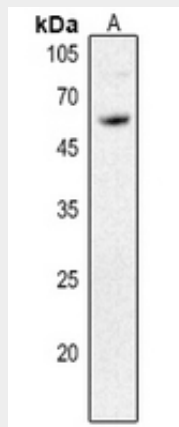
Highly expressed in skeletal muscle.

### Anti-CD292 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](#)

### Anti-CD292 Antibody - Images



Western blot analysis of CD292 expression in rat liver (A) whole cell lysates.

### Anti-CD292 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD292. The exact sequence is proprietary.