

Anti-CD292 Antibody

Rabbit polyclonal antibody to CD292

Catalog # AP60232

Product Information

Application	WB
Primary Accession	P36894
Other Accession	P36895
Reactivity	Human, Mouse, Rat, SARS
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60198

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

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}

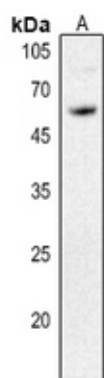
Tissue Location

Highly expressed in skeletal muscle.

Background

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

Images



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

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