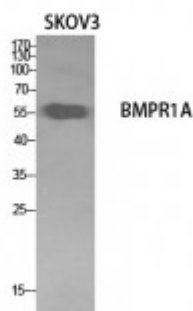


Anti-CD292 antibody



Description	Rabbit polyclonal to CD292.
Model	STJ96893
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CD292.
Immunogen Region	1-50 aa, N-terminal
Gene ID	657
Gene Symbol	BMPR1A
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	CD292 Polyclonal Antibody detects endogenous levels of CD292 protein.
Tissue Specificity	Highly expressed in skeletal muscle.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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 CD antigen CD292
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1076OMIM:174900
Alternative Names	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 CD antigen CD292
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.
Cellular Localization	Membrane. Single-pass type I membrane protein.

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