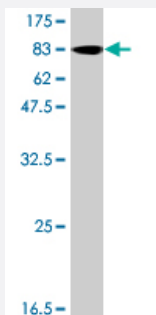


BMPR1A polyclonal antibody (A03)

Catalog # H00000657-A03

Size 50 uL

Applications



Western Blot detection against Immunogen (84.63 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant BMPR1A.
Immunogen	BMPR1A (AAH28383, 1 a.a. ~ 532 a.a) full-length recombinant protein with GST tag.
Sequence	MPQLYYIRLLGAYLFIIISRVQGGQNLDSMLHGTGMKSDSDQKKSENGVTLAPEDTLPFLKCYCSGH CPDDAINNTCITNGHCFAlIEEDDQGETTLASGCMKYEGSGFQCKDSPKAQLRRTIECCRTNLCNQ YLQPTLPPVVIGPFFDGSIRWLVLLISMAVCIAMIIIFSSCFYKHYCKSISSRRRYNRDLEQDEAFIPV GESLKDLDVQSQSSGSGSGLPLLVRTIAKQIQMVRQVGKGGRYGEVWMGKWRGEKVAVKVFFT TEEASWFRETEYQTVLMRHENILGFIAADIKGTGSWTQLYLITDYHENGSLYDFLKCATLDTRALLK LAYSAAACGLCHLHTEYGTQGKPAIAHRDLKSKNILKKNNGSCCIADLGLAVKFNSDTNEVDVPLNT RVGTRKRYMAPEVLDESLNKNHFQPYIMADIYSFGLIWEEMARRCITGGVVEEYQLPYNNMVPSPSY EDMREVVCVKRLRPVSNRWNSDECLRAVLKLMSECVAHNPASRLTALRIKKTAKMVESQDVK I
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (84.63 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BMPR1A

Entrez GeneID [657](#)

GeneBank Accession# [BC028383](#)

Protein Accession# [AAH28383](#)

Gene Name BMPR1A

Gene Alias 10q23del, ACVRLK3, ALK3, CD292

Gene Description bone morphogenetic protein receptor, type IA

Omim ID [158350](#) [174900](#) [601299](#) [610069](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. [provided by RefSeq]

Other Designations OTTHUMP00000020014|activin A receptor, type II-like kinase 3

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Adenomatous Polyposis Coli](#)
- [Alzheimer Disease](#)
- [Anemia](#)
- [Bacteremia](#)
- [Chromosome Deletion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Diabetes Mellitus](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Intestinal Polyposis](#)
- [Intestinal Polyps](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Neoplastic Syndromes](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Peutz-Jeghers Syndrome](#)
- [Polycystic Ovary Syndrome](#)
- [Polyps](#)
- [Precancerous Conditions](#)

- [Puberty](#)
- [Stomach Neoplasms](#)
- [Telangiectasia](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)