

DNAxPAb

Hard-to-Find
Antibody

BMPR1B DNAxPab

Catalog # H00000658-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BMPR1B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLLSAGKLNVGTKKEDGESTAPTPRPKVLRCCKHHHCPEDSVNNICSTDGYCFTMIEEDDSGL PVVTSGLGLEGSDFQCRDTPIPHQRRSIECCTERNECNKDLHPTLPPLKNRDFVDGPIHHRALLI SVTVCSLLLVLILFCYFRYKRQETRPYSIGLEQDETYPPGESLRDLIEQSQSSGSGSGLPLLVR TIAKQIQMVKQIGKGRYGEVWMGKWRGEKVAVKVFFTTTEEASWFRETEIYQTVLMRHENILGFIAA DIKGTGSWTQLYLITDYHENGSLYDYLKSTTLDAKSMLKLAYSSVSGLCHLHTEIFSTQGKPAIAHRD LKSKNILVKKNGTCCADLGLAVKFISDTNEVDIPPNTRVGTKRYMPPEVLDES LNRNHFQSYIMAD MYSFGLILWEVARRCVSGGVEEYQLPYHDLVPSDPYEDMREIVCIKKLRPSFPNRWSSDECLR QMGKLMTECWAHNPASRLTALRVKKTAKMSESQDIKL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — BMPR1B

Entrez GeneID [658](#)

GeneBank Accession# [NM_001203.1](#)

Protein Accession# [NP_001194.1](#)

Gene Name BMPR1B

Gene Alias ALK-6, ALK6, CDw293

Gene Description bone morphogenetic protein receptor, type IB

Omim ID [112600 603248](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of 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. Mutations in this gene have been associated with primary pulmonary hypertension. [provided by RefSeq]

Other Designations OTTHUMP00000161622|activin receptor-like kinase 6|serine/threonine receptor kinase

Pathway

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

Disease

- [Adenomatous Polyposis Coli](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)