

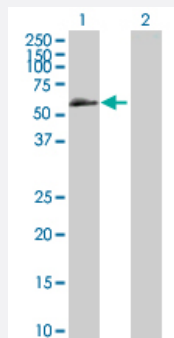
MaxPab®

BMPR1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000658-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BMPR1B expression in transfected 293T cell line ([H00000658-T01](#)) by BMPR1B MaxPab polyclonal antibody.

Lane 1: BMPR1B transfected lysate(55.22 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BMPR1B protein.

Immunogen

BMPR1B (NP_001194.1, 1 a.a. ~ 502 a.a) full-length human protein.

Sequence

MLLRSAGKLNVGTKKEDGESTAPTPRPKVLRCCKHHHCPEDSVNNICSTDGYCFTMIEEDDSGL
PVVTSGCLGLEGSDFQCRDTPIPHQRRSIECCTERNECNKDLHPTLPPLKNRDFVDGPIHHRALLI
SVTVCSLLLVLILFCYFRYKRQETRPYSIGLEQDETYPGESLRDLIEQSQSSGSGSGLPLLVR
TIAKQIQMVKQIGKGRYGEVWMGKWRGEKVAVKVFFFTTEEASWFRTEIYQTVLMRHENILGFIAA
DIKGTGSWTQLYLITDYHENGSLYDYLKSTTLDAKSMKLAYSSVSGLCHLHTEIFSTQGKPAIAHRD
LKSKNILVKKNGTCCADLGLAVKFISDTNEVDIPPNTRVGTRKRYMPPEVLDESILNRNHFQSYIMAD
MYSFGLILWEVARRCVSGGIVEEYQLPYHDLVPSDPSYEDMREMCIKLRPSFPNRWSSDECLR
QMGKLMTECWAHNPASRLTALRVKKTAKMSESQDIKL

Host

Mouse

Reactivity

Human

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.

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[Protocol Download](#)

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 trans membrane 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](#)