BMPR1B Conjugated Antibody

Catalog No: #C32547

Package Size: #C32547-AF350 100ul #C32547-AF405 100ul #C32547-AF488 100ul #C32547-AF555 100ul #C32547-AF594 100ul #C32547-AF647 100ul #C32547-AF680 100ul #C32547-AF750 100ul #C32547-Biotin 100ul #C32547-Conjugated 50ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	BMPR1B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total BMPR1B protein.
Immunogen Description	Recombinant protein of human BMPR1B.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ALK6;ALK-6;CDw293
Accession No.	Swiss-Prot#:O00238NCBI Gene ID:658
Calculated MW	57
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

Product Description

Antibodies were purified by affinity purification using immunogen.

Background

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. Several transcript variants encoding two different isoforms have been found for this gene.

Published Papers

el at., Enhancing the regenerative effectiveness of growth factors by local inhibition of interleukin-1 receptor signaling. In Sci Adv on 2020 Jun 12 by Ziad Julier, Rezvan Karami, et al..PMID:32582857, , (2020)

PMID:32582857

Note: This product is for in vitro research use only and is not intended for use in humans or animals.