

CAB2005

Product Information

Product SKU:	CAB2005	Gene ID:	658	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	51kDa	Conjugate:	Unconjugated
Calculated MW:	57kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:500 - 1:1000 IHC-P,1:100 - 1:500 IF/ICC,1:50 - 1:200
Synonyms:	ALK6; AMD3; AMDD; BDA2; ALK-6; BDA1D; CDw293; BMPR1B
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-126 of human BMPR1B (NP_001194.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.