# antibodies - online.com







# anti-BMPR1B antibody (AA 1-126)



# **Images**



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Quantity:	100 μL			
Target:	BMPR1B			
Binding Specificity:	AA 1-126			
Reactivity:	Human			
Host:	Rabbit			
Clonality:	Polyclonal			
Conjugate:	This BMPR1B antibody is un-conjugated			
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)			
Product Details				
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-126 of human BMPR1B (NP_001194.1).			
Sequence:	MLLRSAGKLN VGTKKEDGES TAPTPRPKVL RCKCHHHCPE DSVNNICSTD GYCFTMIEED DSGLPVVTSG CLGLEGSDFQ CRDTPIPHQR RSIECCTERN ECNKDLHPTL PPLKNRDFVD GPIHHR			
Isotype:	IgG			
Isotype:  Cross-Reactivity:	IgG Human, Mouse, Rat			

## **Target Details**

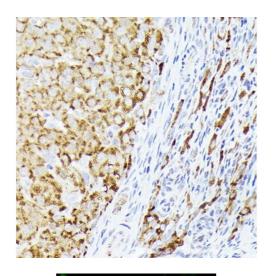
Target:	BMPR1B		
Alternative Name:	BMPR1B (BMPR1B Products)		
Background:	This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved 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.,ALK-6,ALK6,AMDD,BDA1D,BDA2,CDw293,BMPR1B,Epigenetics & Nuclear Signaling,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Bone,Growth factor,Immunology & Inflammation,CD markers,Stem Cells,Mesenchymal Stem Cells,Receptors,BMPR1B		
Molecular Weight:	56 kDa/60 kDa		
Gene ID:	658		
UniProt:	000238		
Application Details			
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Handling Advice:	Avoid freeze / thaw cycles		

### Handling

Storage:	-20 °C			
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

#### **Images**

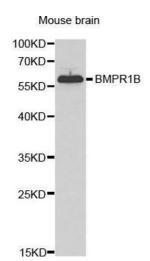


#### **Immunohistochemistry**

Image 1. Immunohistochemistry of paraffin-embedded rat ovary using BMPR1B Rabbit pAb (ABIN3022719, ABIN3022720, ABIN3022721, ABIN1512645 and ABIN6219169) at dilution of 1:350 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

#### **Immunofluorescence**

**Image 2.** Immunofluorescence analysis of MCF7 cell using BMPR1B antibody. Blue: DAPI for nuclear staining.



#### **Western Blotting**

Image 3.

Please check the product details page for more images. Overall 6 images are available for ABIN3022720.