

Datasheet for ABIN7128670

anti-BMPR2 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	BMPR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human BMPR2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	BMPR2
Alternative Name:	BMPR2 (BMPR2 Products)
Background:	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

Target Details

heteromeric complexes of two 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, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease.

Aliases: BMP type II receptor antibody, BMP type-2 receptor antibody, BMPR 2 antibody, BMPR 3 antibody, BMPR II antibody, BMPR-2 antibody, BMPR-II antibody, Bmpr2 antibody, BMPR2_HUMAN antibody, BMPR3 antibody, BMPRII antibody, BMR 2 antibody, BMR2 antibody, Bone morphogenetic protein receptor type 2 antibody, Bone morphogenetic protein receptor type II antibody, Bone morphogenetic protein receptor type-2 antibody, Bone morphogenic protein receptor type II serine threonine kinase antibody, BRK 3 antibody, BRK3 antibody, PPH 1 antibody, PPH1 antibody, Serine threonine kinase type II activin receptor like kinase antibody, TALK antibody, TALK antibody, Type II activin receptor like kinase antibody

UniProt: [Q13873](#)

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: ELISA:1:2000-1:5000, IHC:1:25-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

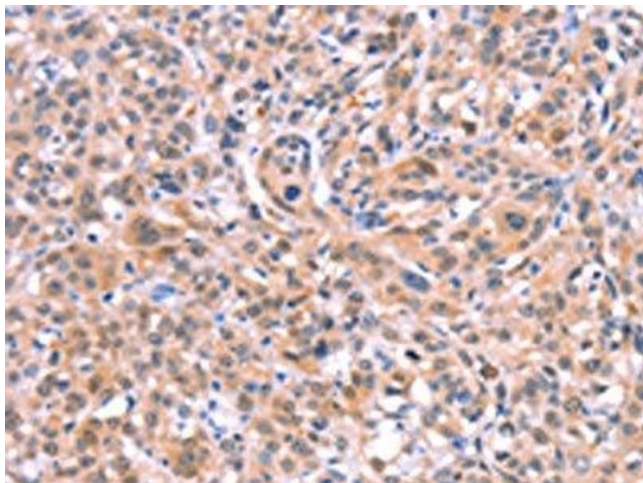
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ABIN7128670(BMPR2 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x200)