

Datasheet for ABIN1112849
anti-BMPR2 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	BMPR2
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to the C-terminal of BMPR2.
Isotype:	IgG
Purification:	affinity purified

Target Details

Target:	BMPR2
Alternative Name:	Bone morphogenetic protein receptor type II, BMPR2 (BMPR2 Products)
Background:	Bone morphogenetic protein receptor type II, BMPR2 is a serine/threonine receptor kinase. It binds bone morphogenetic proteins, members of the TGF beta superfamily of ligands. BMPs are involved in a host of cellular functions including osteogenesis, cell growth and cell differentiation. Unlike the TGF beta type II receptor, which has a high affinity for TGF- beta1, BMPR2 does not have a high affinity for BMP-2, BMP-7 and BMP-4, unless it is co-expressed

Target Details

with a type I BMP receptor. 1 The low affinity for ligands suggests that BMPR2 may differ in the from other type II TGF beta receptors in that the ligand may bind the type I receptor first. 2

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: Western Blot (1:100-500), Immunohistochemistry, IHC (1:100-500), Immunocytochemistry, ICC (1:100-500). Other applications have not been tested. The optimal dilutions should be determined by end user.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	TBS (pH7.4), 0.5% BSA, 40% Glycerol and 0.05% Sodium Azide.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C after thawing (1 week). Aliquot and store at -20 °C for long term (at least one year). Avoid repeated freeze and thaw cycles.
Expiry Date:	12 months

Images

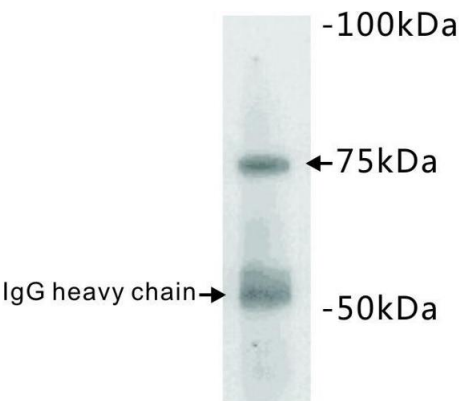


Image 1.

WB: human heart tissue lysate