

Datasheet for ABIN7112029 **anti-BMPR2 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	BMPR2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	bone morphogenetic protein receptor, type II (serine/threonine kinase)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	BMPR2
Alternative Name:	BMPR2 (BMPR2 Products)
Background:	Synonyms: PPH1 Background: On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Binds to BMP7, BMP2 and, less efficiently, BMP4. Binding is weak but

Target Details

	enhanced by the presence of type I receptors for BMPs. Mediates induction of adipogenesis by GDF6.
Molecular Weight:	120kd,97kd
Gene ID:	659
UniProt:	Q13873
Pathways:	Growth Factor Binding

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months