

Datasheet for ABIN7145705
anti-BMPR1A antibody (AA 177-532) (Biotin)



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Overview

Quantity:	100 µg
Target:	BMPR1A
Binding Specificity:	AA 177-532
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR1A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Bone morphogenetic protein receptor type-1A protein (177-532AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	BMPR1A
Alternative Name:	BMPR1A (BMPR1A Products)
Background:	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

Target Details

receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators.
Receptor for BMP-2 and BMP-4. Positively regulates chondrocyte differentiation through GDF5 interaction.

Aliases: 10q23del antibody, Activin A receptor type II like kinase 3 antibody, Activin receptor like kinase 3 antibody, Activin receptor-like kinase 3 antibody, ACVRLK 3 antibody, ACVRLK3 antibody, ALK 3 antibody, ALK-3 antibody, ALK3 antibody, BMP type-1A receptor antibody, BMPR 1A antibody, Bmpr antibody, BMPR-1A antibody, Bmpr1a antibody, BMR1A_HUMAN antibody, Bone morphogenetic protein receptor type IA antibody, Bone morphogenetic protein receptor type IA precursor antibody, Bone morphogenetic protein receptor type-1A antibody, BR 1a antibody, BR1a antibody, CD 292 antibody, CD292 antibody, CD292 antigen antibody, EC 2.7.11.30 antibody, Serine threonine protein kinase receptor R5 antibody, Serine threonine protein kinase receptor R5 precursor antibody, Serine/threonine-protein kinase receptor R5 antibody, SKR 5 antibody, SKR5 antibody, zBMPR IA antibody, zBMPRIA antibody

UniProt: [P36894](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.