

Datasheet for ABIN687556

anti-BMPR1A antibody (AA 101-200) (HRP)



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Overview

Quantity:	100 µL
Target:	BMPR1A
Binding Specificity:	AA 101-200
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR1A antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BMPR-1A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	BMPR1A
Alternative Name:	BMPR1A/CD292 (BMPR1A Products)
Background:	Synonyms: ALK3, SKR5, CD292, ACVRLK3, 10q23del, Bone morphogenetic protein receptor

Target Details

type-1A, BMP type-1A receptor, BMPR-1A, Activin receptor-like kinase 3, ALK-3, Serine/threonine-protein kinase receptor R5, BMPR1A

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.

Receptor for BMP-2 and BMP-4.

Gene ID: 657

UniProt: [P36894](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months