

Datasheet for ABIN185608

anti-BMPR1A antibody (Internal Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	BMPR1A
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BMPR1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	BMPR1A
Immunogen:	Peptide with sequence C-KSDSDQKKSEN, from the internal region of the protein sequence according to NP_004320.2.
Sequence:	KSDSDQKKSE N
Isotype:	IgG
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	BMPR1A
Alternative Name:	BMPR1A
Background:	BMPR1A, bone morphogenetic protein receptor, type IA , HGNC:1076, ACVRLK3, ALK3, activin A receptor, type II-like kinase 3
Gene ID:	657
NCBI Accession:	NP_004320
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in lysates of cell lines HeLa and HepG2 (calculated MW of 60.2 kDa according to NP_004320.2). Recommended concentration: 1-3 µg/mL. An additional band of 20 kDa was consistently observed, however this band was not b Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Image 1. ABIN185608 (1µg/ml) staining of HeLa cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.