

Datasheet for ABIN544789
anti-BMPR1A antibody (AA 39-69)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	BMPR1A
Binding Specificity:	AA 39-69
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of BMPR1A.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 39-69 at N-terminus of human BMPR1A.
Cross-Reactivity:	Human

Target Details

Target:	BMPR1A
Alternative Name:	CD292 / BMPR1A (BMPR1A Products)
Gene ID:	657
Pathways:	Stem Cell Maintenance

Application Details

Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % sodium azide)

Preservative: Sodium azide

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

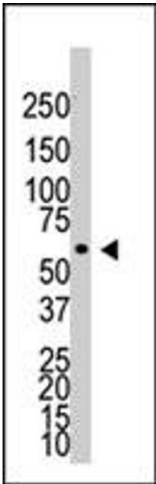
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

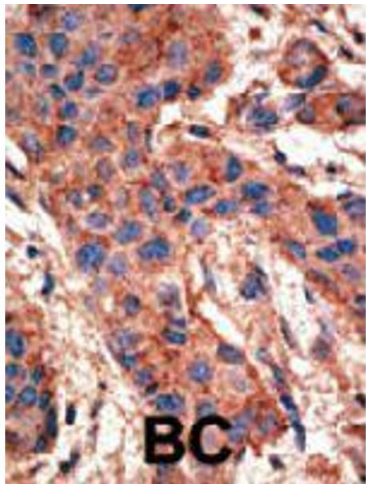
Product cited in: Waite, Eng: "BMP2 exposure results in decreased PTEN protein degradation and increased PTEN levels." in: **Human molecular genetics**, Vol. 12, Issue 6, pp. 679-84, (2003) ([PubMed](#)).

Zhou, Woodford-Richens, Lehtonen, Kurose, Aldred, Hampel, Launonen, Virta, Pilarski, Salovaara, Bodmer, Conrad, Dunlop, Hodgson, Iwama, Järvinen, Kellokumpu, Kim, Leggett, Markie, Mecklin, Neale et al.: "Germline mutations in BMPR1A/ALK3 cause a subset of cases of juvenile polyposis syndrome and of Cowden and Bannayan-Riley-Ruvalcaba syndromes. ..." in: **American journal of human genetics**, Vol. 69, Issue 4, pp. 704-11, (2001) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of BMPR1A polyclonal antibody in SAOS-2 cell lysate. BMPR1A (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human cancer tissue reacted with BMPR1A polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma