

Datasheet for ABIN542871

**anti-BMPR2 antibody (AA 28-59)**

4 Images

2 Publications

[Go to Product page](#)

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 400 µL  |
| Target:              | BMPR2   |
| Binding Specificity: | AA 28-59  |
| Reactivity:          | Human, Mouse  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This BMPR2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Rabbit polyclonal antibody raised against synthetic peptide of BMPR2.                                      |
| Immunogen:        | A synthetic peptide (conjugated with KLH) corresponding to amino acids 28-59 at N-terminus of human BMPR2. |
| Cross-Reactivity: | Human, Mouse   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | BMPR2                                    |
| Alternative Name: | BMPR2 ( <a href="#">BMPR2 Products</a> ) |
| Gene ID:          | 659                                      |

## Target Details

Pathways: [Growth Factor Binding](#)

## Application Details

Application Notes: Flow cytometry (1:10-1:50)  
Immunohistochemistry (1:10-1:50)  
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.

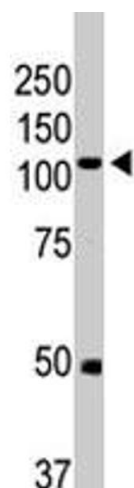
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 2 weeks. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

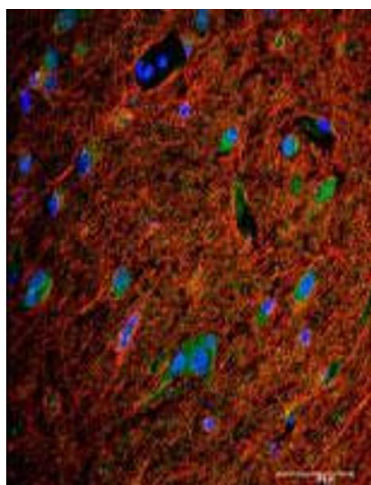
Product cited in: Jara, Chacón, Burgos, Droguett, Valdivieso, Ortiz, Troncoso, Mezzano: "Expression of gremlin, a bone morphogenetic protein antagonist, is associated with vascular calcification in uraemia." in: **Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association**, Vol. 24, Issue 4, pp. 1121-9, (2009) ([PubMed](#)).

Sehgal, Mukhopadhyay, Xu, Patel, Shah: "Dysfunction of Golgi tethers, SNAREs, and SNAPs in monocrotaline-induced pulmonary hypertension." in: **American journal of physiology. Lung cellular and molecular physiology**, Vol. 292, Issue 6, pp. L1526-42, (2007) ([PubMed](#)).



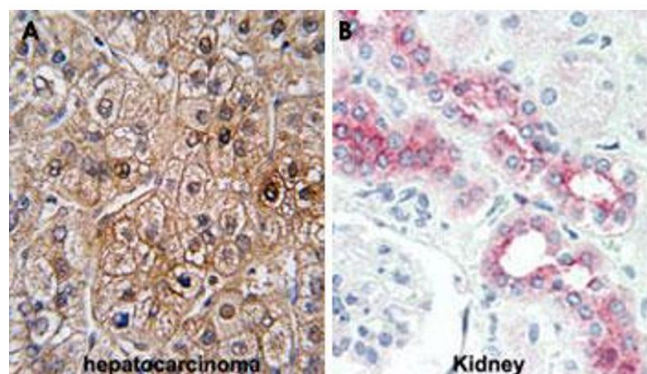
### Western Blotting

**Image 1.** Western blot analysis of BMPR2 polyclonal antibody in mouse heart tissue lysate. BMPR2 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of BMPR2 polyclonal antibody in frozen section of human brain tissue. Primary antibody was followed by FITC-conjugated anti-rabbit antibody. FITC-conjugated anti-rabbit antibody emits green fluorescence. Blue counterstaining is Hoechst 33258. This image kindly offered by Chunqing Zhang, Third Military Medical University.



### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin-embedded human hepatocarcinoma (A) and human kidney (B) tissue reacted with BMPR2 polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN542871.