

**BMP-10 Polyclonal Antibody** 

Catalog # AP73933

## Specification

## **BMP-10 Polyclonal Antibody - Product Information**

Application Primary Accession Reactivity Host Clonality WB <u>095393</u> Human, Mouse, Rat Rabbit Polyclonal

### **BMP-10 Polyclonal Antibody - Additional Information**

Gene ID 27302

**Other Names** bone morphogenetic protein 10

Dilution WB~~WB 1:500-2000, ELISA 1:10000-20000

**Format** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** -20°C

# **BMP-10 Polyclonal Antibody - Protein Information**

Name BMP10

#### Function

Required for maintaining the proliferative activity of embryonic cardiomyocytes by preventing premature activation of the negative cell cycle regulator CDKN1C/p57KIP and maintaining the required expression levels of cardiogenic factors such as MEF2C and NKX2-5. Acts as a ligand for ACVRL1/ALK1, BMPR1A/ALK3 and BMPR1B/ALK6, leading to activation of SMAD1, SMAD5 and SMAD8 transcription factors. Inhibits endothelial cell migration and growth. May reduce cell migration and cell matrix adhesion in breast cancer cell lines.

Cellular Location Secreted.

**Tissue Location** Detected in mammary epithelia (at protein level).

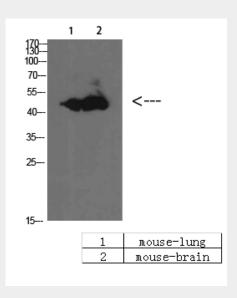
### **BMP-10 Polyclonal Antibody - Protocols**



Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## **BMP-10 Polyclonal Antibody - Images**



# **BMP-10 Polyclonal Antibody - Background**

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