

# BMP5 Polyclonal Antibody

Catalog Number:E-AB-17735



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

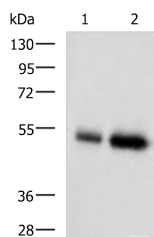
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide of human BMP5
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>ELISA</b>	1:5000-1:10000

## Data



Western blot analysis of Human placenta tissue and  
Human right lower lung tissue lysates using BMP5  
Polyclonal Antibody at dilution of 1:450

**Observed Mw:Refer to figures**  
**Calculated Mw:52 kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Bone morphogenetic protein-5 (BMP5), is a member of the transforming growth factor-beta (TGF-beta) superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. BMP5 may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. BMP5 is differentially regulated in multiple human cancers.

## For Research Use Only

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