

For Research Use Only

# BMP4 Recombinant antibody, PBS Only

Catalog Number: 86168-1-PBS



## Basic Information

Catalog Number: 86168-1-PBS	GenBank Accession Number: BC020546	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 652	CloneNo.: 250803D1
Source: Rabbit	UNIPROT ID: P12644	
Isotype: IgG	Full Name: bone morphogenetic protein 4	
Immunogen Catalog Number: AG3191	Calculated MW: 47 kDa	
	Observed MW: 47 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human, mouse, rat

## Background Information

BMP4, also named as BMP2B and DVR4, belongs to the TGF-beta family. BMPs have been shown to promote astroglial differentiation both in vitro and in vivo. BMP4 have been shown to be components of serum and are thought to be responsible for this differentiation. BMP4 are expressed mainly in neurons, with minimal expression detected in astrocytes and oligodendrocytes.

## Storage

Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

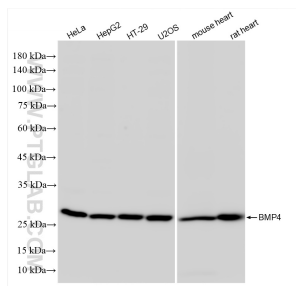
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86168-1-RR (BMP4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86168-1-PBS in a different storage buffer formulation.