

For Research Use Only

BMP4 Recombinant antibody

Catalog Number: 86168-1-RR



Basic Information

Catalog Number:

86168-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3191

GenBank Accession Number:

BC020546

GeneID (NCBI):

652

UNIPROT ID:

P12644

Full Name:

bone morphogenetic protein 4

Calculated MW:

47 kDa

Observed MW:

47 kDa

Purification Method:

Protein A purification

CloneNo.:

250803D1

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, HT-29 cells, U2OS cells,
mouse heart tissue, rat heart tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

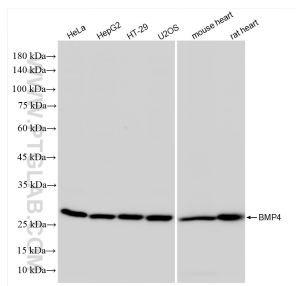
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.