

# BMP-4 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 50 - 150 of Human BMP4.
Form	Liquid
Concentration	0.9 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10984101

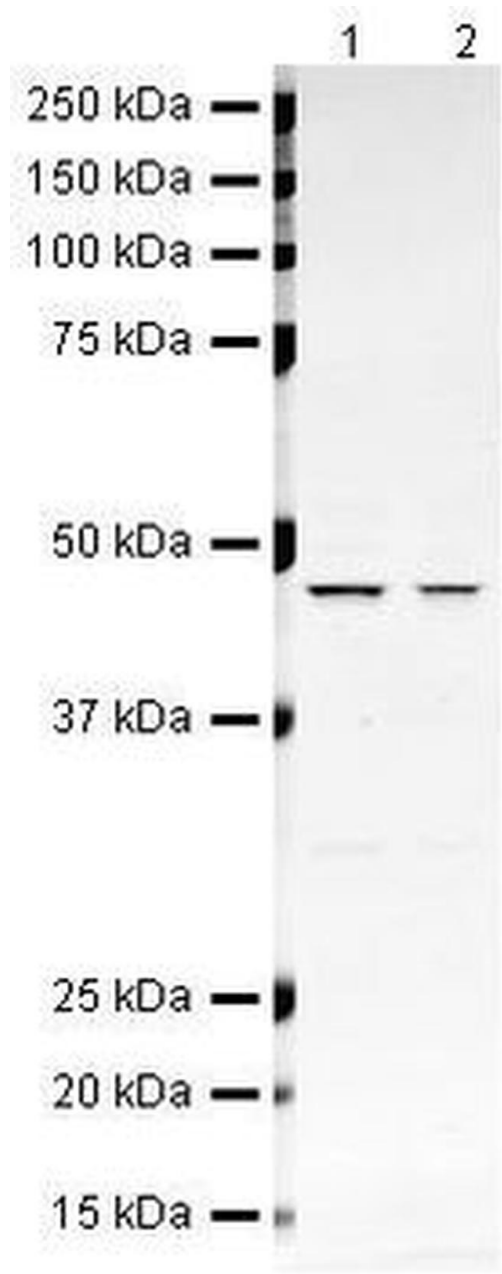
Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunocytochemistry (ICC/IF)	1 µg/mL	-

## Product Specific Information

Heat mediated antigen retrieval recommended prior to tissue staining.

This antibody is predicted to react with cow and pig based on sequence homology.

Product Images For BMP-4 Polyclonal Antibody



**BMP-4 Antibody (PA5-19683) in WB**  
Western blot analysis of Human Heart Tissue Lysate using Product # PA5-19683, BMP4 primary antibody at a dilution of 1 µg/mL (lane 1). Staining of Human Skeletal Muscle Tissue Lysate at a dilution of 1 µg/mL (lane 2). Blot treated with a secondary IR Dye680-conjugated Goat polyclonal anti-Rabbit antibody was used at a dilution of 1:10000.

1 Reference

Immunohistochemistry (Paraffin) (1)

Frontiers in molecular neuroscience	Year 2023
Premature Neural Progenitor Cell Differentiation Into Astrocytes in Retinoic Acid-Induced Spina Bifida Rat Model.	Species Rat
"PA5-19683 was used in Immunohistochemistry to show that changes in NPC patterning factor expression with Notch-BMP signaling upregulation may be responsible for the altered astrogenesis patterns observed in the spinal cord in a retinoic acid-induced spina bifida model."	Dilution 1:800
Authors: Oria M,Pathak B,Li Z,Bakri K,Gouwens K,Varela MF,Lampe K,Murphy KP,Lin CY,Peiro JL	

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