

## ARG59620 anti-BMP9 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes BMP9
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BMP9
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 320-429 of Human BMP9 (NP_057288.1).
Conjugation	Un-conjugated
Alternate Names	GDF-2; BMP-9; Growth/differentiation factor 2; BMP9; Bone morphogenetic protein 9; HHT5

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat skeletal muscle and Mouse skeletal muscle	
Observed Size	47 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

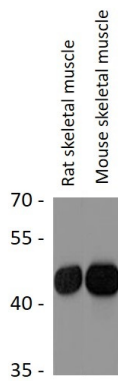
## Bioinformation

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Gene Symbol	GDF2
Gene Full Name	growth differentiation factor 2
Background	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia. [provided by RefSeq, Jan 2014]
Function	Potent circulating inhibitor of angiogenesis. Could be involved in bone formation. Signals through the type I activin receptor ACVRL1 but not other Alks. Signaling through SMAD1 in endothelial cells requires TGF-beta coreceptor endoglin/ENG. [UniProt]
Calculated Mw	47 kDa
Cellular Localization	Secreted. [UniProt]

## Images

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ARG59620 anti-BMP9 antibody WB image

Western blot: 25 µg of Rat skeletal muscle and Mouse skeletal muscle lysates stained with ARG59620 anti-BMP9 antibody at 1:1000 dilution.