

## anti- BMP3 antibody

### Product Information

Catalog No.:	FNab00918
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein suppresses osteoblast differentiation, and negatively regulates bone density, by modulating TGF-beta receptor availability to other ligands.

### Immunogen information

Immunogen:	bone morphogenetic protein 3
Synonyms:	BMP3A
Observed MW:	53 kDa
Uniprot ID :	P12645

### Application

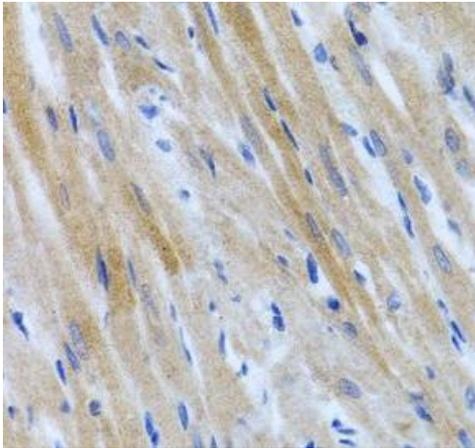
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

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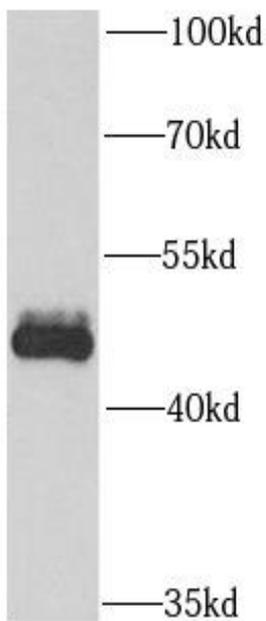
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Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:100 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat heart using FNab00918( BMP3 Antibody) at dilution of 1:50



Recombinant protein were subjected to SDS PAGE followed by western blot with FNab00918( BMP3 Antibody) at dilution of 1:1000

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Tel : (0086)027-87384275

Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)