

**BMP6 Rabbit mAb**  
Catalog # AP78083**Specification**

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**BMP6 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P22004</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>57226</b>

**BMP6 Rabbit mAb - Additional Information****Gene ID** 654**Other Names**  
BMP6**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**BMP6 Rabbit mAb - Protein Information****Name** BMP6**Synonyms** VGR**Function**

Growth factor of the TGF-beta superfamily that plays essential roles in many developmental processes including cartilage and bone formation (PubMed: [31019025](http://www.uniprot.org/citations/31019025)). Also plays an important role in the regulation of HAMP/hepcidin expression and iron metabolism by acting as a ligand for hemojuvelin/HJV (PubMed: [26582087](http://www.uniprot.org/citations/26582087)). Also acts to promote expression of HAMP, potentially via the interaction with its receptor BMPRI1/ALK3 (PubMed: [30097509](http://www.uniprot.org/citations/30097509), PubMed: [31800957](http://www.uniprot.org/citations/31800957)). Initiates the canonical BMP signaling cascade by associating with type I receptor ACVR1 and type II receptor ACVR2B (PubMed: [18070108](http://www.uniprot.org/citations/18070108)). In turn, ACVR1 propagates signal by phosphorylating SMAD1/5/8 that travel to the nucleus and act as activators and repressors of transcription of target. Can also signal through non-canonical pathway such as TAZ-Hippo signaling cascade to modulate VEGF signaling by regulating VEGFR2 expression (PubMed: [33021694](http://www.uniprot.org/citations/33021694)).

**Cellular Location**  
Secreted.

### **BMP6 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **BMP6 Rabbit mAb - Images**

