

**BMP11 Rabbit mAb**  
Catalog # AP78678**Specification**

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**BMP11 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">O95390</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	45091

**BMP11 Rabbit mAb - Additional Information****Gene ID** 10220**Other Names**  
GDF11**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**BMP11 Rabbit mAb - Protein Information****Name** GDF11**Synonyms** BMP11 {ECO:0000303|PubMed:10075854}**Function**

Secreted signal that acts globally to regulate anterior/posterior axial patterning during development. May play critical roles in patterning both mesodermal and neural tissues (By similarity). It is required for proper vertebral patterning and orofacial development (PubMed:<a href="http://www.uniprot.org/citations/31215115" target="\_blank">31215115</a>). Signals through activin receptors type-2, ACVR2A and ACVR2B, and activin receptors type-1, ACVR1B, ACVR1C and TGFBR1 leading to the phosphorylation of SMAD2 and SMAD3 (PubMed:<a href="http://www.uniprot.org/citations/28257634" target="\_blank">28257634</a>).

**Cellular Location**  
Secreted.**Tissue Location**

In the embryo, strong expression is seen in the palatal epithelia, including the medial edge epithelial and midline epithelial seam of the palatal shelves. Less pronounced expression is also seen throughout the palatal shelf and tongue mesenchyme

## BMP11 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](#)

## BMP11 Rabbit mAb - Images

