

BMP2 polyclonal antibody

Catalog # PAB16170 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against BMP2.
Immunogen	Human BMP2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Purification	Protein G affinity chromatography
Isotype	IgG
Recommend Usage	ELISA (1-2 ug/mL) Western Blot (2-10 ug/mL) Immunohistochemistry (2-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	The lyophilized antibody is stable for at least 1 year from date of receipt at -20°C. After reconstitution with 0.01 M PBS, pH 7.4 or other diluents, this antibody can be stored in working aliquots at 2°C- 8°C for one month, or at -20°C for six months without detectable loss of activity. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — BMP2

Entrez GeneID	650
Protein Accession#	P12643
Gene Name	BMP2
Gene Alias	BMP2A
Gene Description	bone morphogenetic protein 2
Omim ID	112261 235200
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the transforming growth factor-beta (TGFB) superfamily. The encoded protein acts as a disulfide-linked homodimer and induces bone and cartilage formation. [provided by RefSeq]
Other Designations	OTTHUMP00000030228

Pathway

- [Basal cell carcinoma](#)
- [Cytokine-cytokine receptor interaction](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)
- [TGF-beta signaling pathway](#)

Disease

- [Abortion](#)
- [Asthma](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Sudden Infant Death](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)