SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-BMP5 antibody

SL6614R

Product Name:	BMP5
Chinese Name:	骨形态发生蛋白5抗体
Alias:	BMP 5; BMP-5; Bmp5; BMP5_HUMAN; Bone morphogenetic protein 5; MGC34244.
文献引用 PubMed :	**Specific References(1)**|SL6614R has been referenced in 1 publications. **[IF=2.24]**Wu, Mei, et al. "Expression analysis of BMP2, BMP5, BMP10 in human colon tissues from Hirschsprung disease patients." Int J Clin Exp Pathol 7.2 (2014): 529-536.**IHC-P;Human**. PubMed:n/a
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	16kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human BMP5:317-360/454
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:	PubMed
Product Detail:	This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq, Jul 2008]. **Function:** Induces cartilage and bone formation. **Subunit:** Homodimer; disulfide-linked (By similarity). **Subcellular Location:** Secreted. **Tissue Specificity:** Expressed in the lung and liver. **Similarity:** Belongs to the TGF-beta family. **SWISS:** P22003 **Gene ID:** 653 **Database links:** Entrez Gene: 653Human Omim: 112265Human SwissProt: P22003Human Unigene: 296648Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.