



BMP-8 Polyclonal Antibody

Catalog No	YP-Ab-15881
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	BMP8A/BMP8B
Immunogen	The antiserum was produced against synthesized peptide derived from human BMP-8. AA range:41-90
Specificity	BMP-8 Polyclonal Antibody detects endogenous levels of BMP-8 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BMP-8;BMP-8B;BMP8;Bmp8b;BMP8B_HUMAN;bone morphogenetic protein 8 (osteogenic protein 2);Bone morphogenetic protein 8;Bone morphogenetic protein 8B;dJ118J21.1 (bone morphogenetic protein 8 (osteogenic protein 2));OP-2;OP2;Osteogenic protein 2;BMP8A/BMP8B;Bone morphogenetic protein 8A/B;BMP8A;Bone morphogenetic protein 8A;BMP-8A
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Secreted .
Tissue Specificity	Hippocampus,Testis,
Function	function:Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis.,online information:Bone morphogenetic protein 8b entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,



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. The encoded protein stimulates thermogenesis in brown adipose tissue. Expression of this gene may be downregulated in pancreatic cancer. This gene may have arose from a gene duplication event and its gene duplicate is also present on chromosome 1. [provided by RefSeq, Jul 2016],

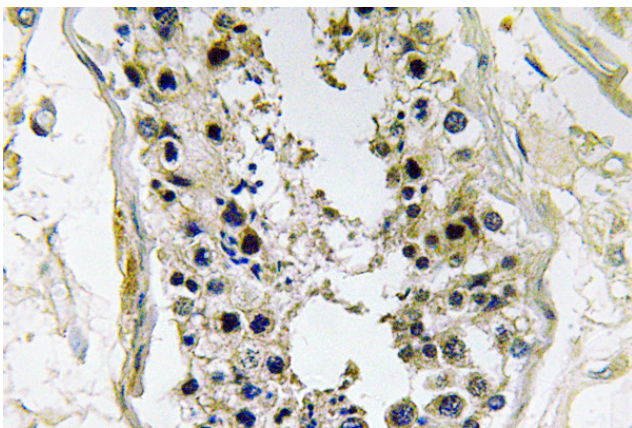
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of BMP-8 antibody in paraffin-embedded human testis tissue.