



BMP-8B Polyclonal Antibody

Catalog No	YP-Ab-15883
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	BMP8B
Immunogen	The antiserum was produced against synthesized peptide derived from human BMP8B. AA range:261-310
Specificity	BMP-8B Polyclonal Antibody detects endogenous levels of BMP-8B 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	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BMP-8B;BMP8B;Bone morphogenetic protein 8B;BMP8;BMP-8;Osteogenic protein 2;OP-2
Observed Band	45kD
Calculated Molecular Weight	45kD
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],

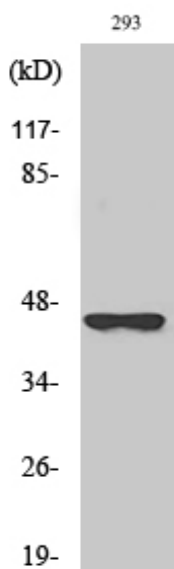
matters needing attention

Avoid repeated freezing and thawing!

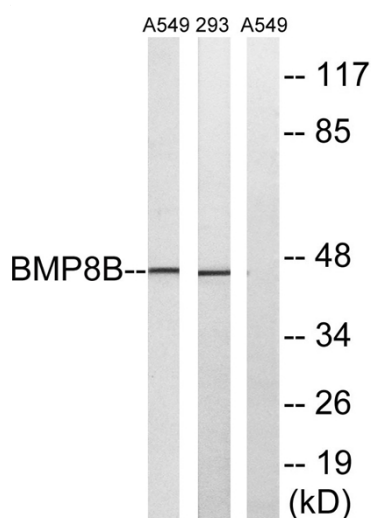
Usage suggestions

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

Products Images



Western Blot analysis of various cells using BMP-8B Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from 293 and A549 cells, using BMP8B Antibody. The lane on the right is blocked with the synthesized peptide.