

BMP-8 rabbit pAb

Cat No.: ES7232

For research use only

Overview

Product Name BMP-8 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/40000. Not yet tested in other applications.

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.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Bone morphogenetic protein 8A/B

Gene Name BMP8A/BMP8B

Cellular localization Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 656

Human Swiss-Prot Number P34820/Q7Z5Y6

Alternative Names BMP8B; BMP8; Bone morphogenetic protein 8B;

BMP-8; BMP-8B; Osteogenic protein 2; OP-2;

BMP8A; Bone morphogenetic protein 8A; BMP-8A

Background This gene encodes a secreted ligand of the TGF-beta

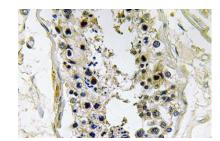
(transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that

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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],

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



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