

**Anti-Human BMP8B Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA02250**

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3th Edition

**Description:** 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. BMP8B (Bone Morphogenetic Protein 8b) is a Protein Coding gene. Diseases associated with BMP8B include Achondroplasia and Blue Color Blindness. Among its related pathways are PEDF Induced Signaling and TGF-Beta Pathway. GO annotations related to this gene include cytokine activity and transforming growth factor beta receptor binding. An important paralog of this gene is BMP8A.

**Antigen:** Synthesized peptide derived from the Internal region of human BMP-8B

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**