

Anti-Human BMP8B Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02250

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: