

BMP-10 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14461
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from the Internal region of human BMP-10.
Mol wt	48047
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Bone morphogenetic protein 10
Synonyms	Bone morphogenetic protein 10; BMP10; Bone morphogenetic protein 10; BMP-10

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 the mature protein, which binds to the activin receptor-like kinase 1 (ALK1) and plays important roles in cardiovascular development including cardiomyocyte proliferation and regulation of heart size, closure of the ductus arteriosus, angiogenesis and ventricular trabeculation.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year