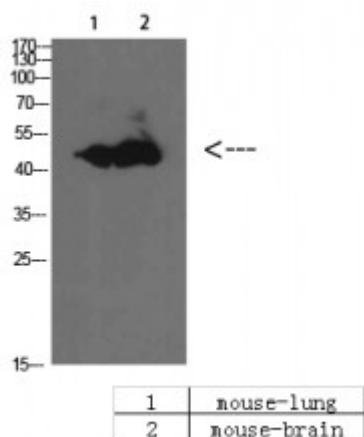


Anti-BMP-10 antibody



Description

Rabbit polyclonal to BMP-10.

Model

STJ98581

Host

Rabbit

Reactivity

Human, Mouse, Rat

Applications

ELISA, WB

Immunogen

Synthesized peptide derived from BMP-10

Immunogen Region

361-410 aa

Gene ID

[27302](#)

Gene Symbol

[BMP10](#)

Dilution range

WB 1:500-2000ELISA 1:10000-20000

Specificity

BMP-10 Polyclonal Antibody detects endogenous levels of BMP-10

Tissue Specificity

Detected in mammary epithelia (at protein level).

Purification

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Note

For Research Use Only (RUO).

Protein Name

Bone morphogenetic protein 10 BMP-10

Clonality

Polyclonal

Conjugation

Unconjugated

Isotype

IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20869OMIM:608748
Alternative Names	Bone morphogenetic protein 10 BMP-10
Function	Required for maintaining the proliferative activity of embryonic cardiomyocytes by preventing premature activation of the negative cell cycle regulator CDKN1C/p57KIP and maintaining the required expression levels of cardiogenic factors such as MEF2C and NKX2-5. Acts as a ligand for ACVRL1/ALK1, BMPR1A/ALK3 and BMPR1B/ALK6, leading to activation of SMAD1, SMAD5 and SMAD8 transcription factors. Inhibits endothelial cell migration and growth. May reduce cell migration and cell matrix adhesion in breast cancer cell lines.
Cellular Localization	Secreted

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