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BMP4 Rabbit pAb

Catalog No.: A0425 1 Publications

Basic Information

Observed MW
47kDa

Calculated MW
47kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

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 each subunit of the disulfide-linked homodimer. This protein regulates heart development and adipogenesis. Mutations in this gene are associated with orofacial cleft and microphthalmia in human patients. The encoded protein may also be involved in the pathology of multiple cardiovascular diseases and human cancers.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
652

Swiss Prot
P12644

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-408 of human BMP4 (NP_001193.2).

Synonyms
ZYME; BMP2B; OFC11; BMP2B1; MCOPS6; BMP4

Contact

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Product Information

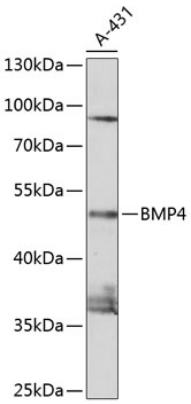
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of A431 cells, using BMP4 antibody (A0425) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.