A14708

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BMP2 Rabbit pAb

Catalog No.: A14708 1 Publications

Basic Information

Observed MW
53kDa

Calculated MW
45kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Rat

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, which plays a role in bone and cartilage development. Duplication of a regulatory region downstream of this gene causes a form of brachydactyly characterized by a malformed index finger and second toe in human patients.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
650

Swiss Prot
P12643

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
BDA2; BMP2A; SSFSC; SSFSC1; BMP2

Contact

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Product Information

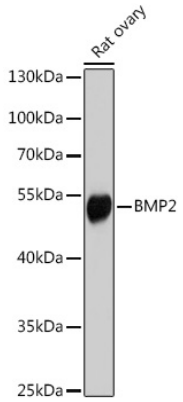
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from Rat ovary, using BMP2 Rabbit pAb (A14708) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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.

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Please visit https://abclonal.com for a complete listing of recommended products.