

BMP7 Rabbit pAb

Catalog No.: A0722

Basic Information

Observed MW

49kDa

Calculated MW

49kDa

Category

Primary antibody

Applications

WB,IF/ICC

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, which plays a role in bone, kidney and brown adipose tissue development. Additionally, this protein induces ectopic bone formation and may promote fracture healing in human patients.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:20 - 1:50

Immunogen Information

Gene ID	Swiss Prot
655	P18075

Immunogen

A synthetic peptide of human BMP7

Synonyms

OP-1; BMP7

Contact

 | www.abclonal.com

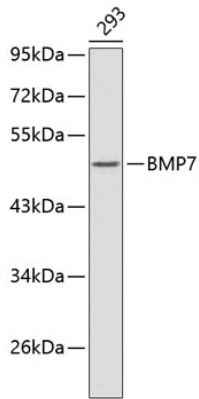
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of extracts of 293 cells, using BMP7 antibody (A0722).
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.