

BMP-6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00928
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human BMP-6. AA range:103-152
Mol wt	57226
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	BMP-6 Antibody
Synonyms	BMP6; VGR; Bone morphogenetic protein 6; BMP-6; VG-1-related protein; VG-1-R; VGR-1

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

Background

BMP6 (bone morphogenetic protein 6) 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 a wide range of biological processes including iron homeostasis, fat and bone development, and ovulation. Differential expression of BMP6 may be associated with progression of breast and prostate cancer. Mutations in BMP6 may be associated with iron overload in human patients.

Recommended Dilution

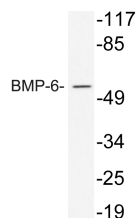
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

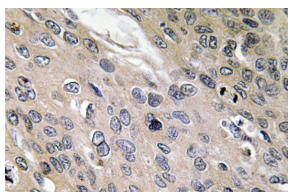
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysate from 293 cells treated with TNF, using BMP-6 antibody.



Immunohistochemistry analysis of BMP-6 antibody in paraffin-embedded human lung carcinoma tissue.

Storage

-20°C for one year

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