

Datasheet for ABIN7090791 **anti-BMP6 antibody**

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Overview

Quantity:	100 µL
Target:	BMP6
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BMP6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BMP6
Clone:	D9F5
Isotype:	IgG, kappa
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	BMP6
Alternative Name:	BMP6 (BMP6 Products)
Background:	Synonyms: Bone Morphogenic Protein 6, Decapentaplegic vegetal related, DVR6, BMP 6, BMP-6,

Target Details

TGFB related vegetal related growth factor, Transforming growth factor beta, Vegetal related (TGFB related) cytokine, Vg related sequence, VGR, VGR1, BMP6_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 a wide range of biological processes including iron homeostasis, fat and bone development, and ovulation. Differential expression of this gene may be associated with progression of breast and prostate cancer. Mutations in this gene may be associated with iron overload in human patients. [provided by RefSeq, Jul 2016]

Gene ID: 654

UniProt: [P22004](#)

Pathways: [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#)

Application Details

Application Notes: WB 1:300-5000
IF()
ICC 1:100-500

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months