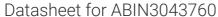
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anti-BMP6 antibody (C-Term)





Publication



Go to Product page

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Quantity:	100 μg
Target:	BMP6
Binding Specificity:	AA 383-419, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA
Product Details	
Purpose:	Rabbit IgG polyclonal antibody for Bone morphogenetic protein 6(BMP6) detection. Tested with WB, ELISA in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human BMP6 (383-419aa QSRNRSTQSQDVARVSSASDYNSSELKTACRKHELYV), different from the related mouse sequence by six amino acids, and from the related rat sequence by three amino acids.
Sequence:	QSRNRSTQSQ DVARVSSASD YNSSELKTAC RKHELYV
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Bone morphogenetic protein 6(BMP6) detection. Tested with WB, ELISA in Human. Gene Name: bone morphogenetic protein 6 Protein Name: Bone morphogenetic protein 6

Product Details Purification: Immunogen affinity purified. **Target Details** Target: BMP6 Alternative Name BMP6 (BMP6 Products) Background: Bone morphogenetic protein 6 is a protein that in humans is encoded by the BMP6 gene. It is mapped to 6p24-p23. The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity. Synonyms: BMP-6 antibody|Bmp6 antibody|BMP6_HUMAN antibody|Bone morphogenetic protein 6 antibody|Bone Morphogenic Protein 6 antibody| Decapentaplegic vegetal related antibody|DVR6 antibody|HGNC:12686 antibody|TGFB related vegetal related growth factor antibody| Transforming growth factor beta antibody|Vegetal related (TGFB related) cytokine antibody|Vegetal related growth factor (TGFB related) antibody|Vg related sequence antibody|VG-1-R antibody|VG-1-related protein antibody|Vg1 related sequence antibody|VGR antibody|VGR-1 antibody|VGR1 antibody Gene ID: 654 UniProt: P22004 Pathways: Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process **Application Details Application Notes:** WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human ELISA: Concentration: 0.1-0.5 µg/mL, Tested Species: Human

Application Details Application Notes: WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human ELISA: Concentration: 0.1-0.5 μg/mL, Tested Species: Human Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users. Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Application Details

Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 $\mu g/mL$.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	
Publications		
Product cited in:	Xu, Tang, Li, Shi, Chen, Liang: "Positional and expressive alteration of prohibitin during the induced differentiation of human hepatocarcinoma SMMC-7721 cells." in: World journal of	

gastroenterology, Vol. 14, Issue 32, pp. 5008-14, (2008) (PubMed).

130KD -100KD -70KD -55KD -

25KD-

35KD-

Western Blotting

Image 1.