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anti-BMP6 antibody

2 Images



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Quantity:	200 μL
Target:	BMP6
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

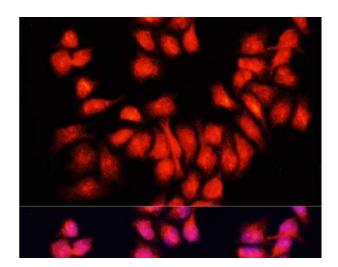
Immunogen:	A synthetic peptide of human BMP6 (NP_001709.1).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	BMP6
Alternative Name:	BMP6 (BMP6 Products)
Background:	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

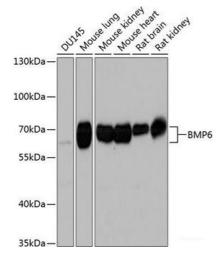
Target Details	
	early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity.
Molecular Weight:	Observed_MW: 57 kDa Calculated_MW: 57 kDa
Gene ID:	654
UniProt:	P22004
Pathways:	Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process
Application Details	
Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using BMP6 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using BMP6 Polyclonal Antibody at dilution of 1:1000.