Datasheet for ABIN6137606

anti-BMP6 antibody (AA 100-200)

1 Image

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Overview

Quantity:	100 µL
Target:	BMP6
Binding Specificity:	AA 100-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human BMP6 (NP_001709.1).
Sequence:	QQPQPPALRQ QEEQQQQQQL PRGEPPPGRL KSAPLFMLDL YNALSADNDE DGASEGERQQ SWPHEAASSS QRRQPPPGAA HPLNRKSLLA PGSGSGGASP L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

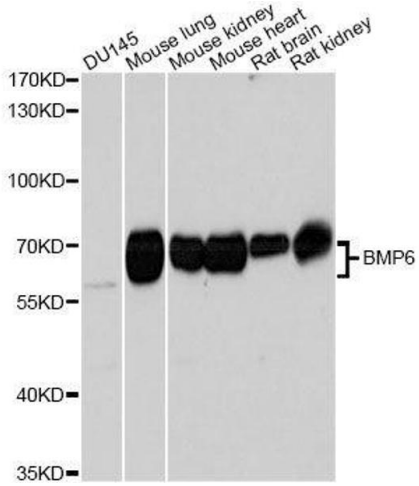
Target:	BMP6
Alternative Name:	BMP6 (BMP6 Products)
Background:	The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression 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.,BMP6,VGR,VGR1,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Cell differentiation,Cytoskeleton,Extracellular Matrix,Bone,Growth factor,Wnt/β-Catenin Signaling Pathway,ESC Pluripotency and Differentiation,Immunology & Inflammation,NF-kB Signaling Pathway,Stem Cells,BMP6
Molecular Weight:	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
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BMP6 Antibody.