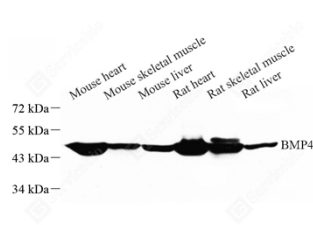


Anti-BMP4 Rabbit pAb

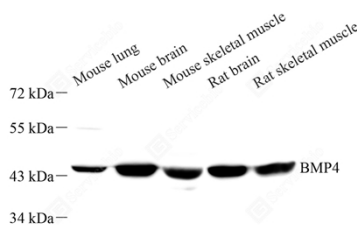


GB11521 -20°C

Product Information			
Protein full name	Bone morphogenetic protein 4		
Synonyms	BMP4, BMP2B, BMP2B1, MCOPS6, OFC11, ZYME, bone morphogenetic protein 4, ZYME, zbmp-4, DVR4		
Immunogen	Recombinant protein corresponding to Mouse BMP4.		
Uniprot ID	P21275		
Isotype	IgG		
Purity	Affinity purification		
Predicted MW./Observed MW.	47 kDa / 47 kDa		
Applications	Species	Dilution	Positive Tissue
WB	Mouse, Rat	1: 500-1: 1000	heart, muscle, liver
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
BMP4 is a polypeptide belonging to the TGF-βsuperfamily of proteins, which binds to 2 different types of serine-threonine kinase receptors known as BMPR1 and BMPR2. Signal transduction via these receptors occurs via Smad and map kinase pathways to effect transcription of its target genes. Like other bone morphogenetic proteins, it is involved in bone and cartilage development, specifically tooth and limb development and fracture repair, playing an important role in the onset of endochondral bone formation in humans. It has been shown to be involved in muscle development, bone mineralization, and ureteric bud development.			
Images			



WB analysis of BMP4(GB11521).
Sample: Protein treated by RIPA Lysis Buffer (G2002).
Blocking buffer: 3% Nonfat dry milk (GC310001) in TBST, RT, 1h.
Primary antibody: 1: 500, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 5000, RT, 1h.



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For Research Use Only!

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