

BMP2

Rabbit Anti-Human Bone Morphogenetic Protein 2 Affinity Purified pAb

Catalog No.	PA0025	Quantity:	100 µg
Alternate Names:	BMP2A, BDA2		
Description:	The rabbit polyclonal antibody recognizes human Bone Morphogenetic Protein 2 (BMP -2), a member of the TGF-beta superfamily of structurally related signaling proteins.. BMP-2 is translated as a preprotein and then proteolytically processed to generate each subunit of the disulfide-linked homodimer. As implied by their name, BMPs initiate, promote and regulate bone development, growth, remodeling and repair. In addition to its osteogenic activity, BMP-2 plays an important role in cardiac morphogenesis. It is also expressed in a variety of tissues such as lung, spleen, brain, liver, prostate ovary and small intestine.		
Gene ID:	650		
UniProtKB:	P12643		
Concentration:	0.5 mg/mL		
Specificity:	Recognizes Human BMP-2. Detects the 14 kDa monomer, 28 kDa dimer, and 58 kDa tetramer of Human BMP-2.		
Host:	Rabbit		
Isotype:	Ig (polyclonal)		
Immunogen:	Recombinant Human BMP-2		
Conjugate:	Unconjugated		
Formulation:	Liquid in a buffer of PBS pH 7.2, 30% Glycerol, 0.5% BSA, 0.01% Thimerosal.		
Purification:	Affinity purified		
Applications:	Western Blot		
Application Notes:	WB: working dilution of 0.5-2.0 µg/mL. Recommended positive control: Recombinant Human BMP-2 (Cat. No. CRB100). The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20 °C. For longer term, store in working aliquots at -80 °C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

