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anti-BMP10 antibody (C-Term)

2 Images

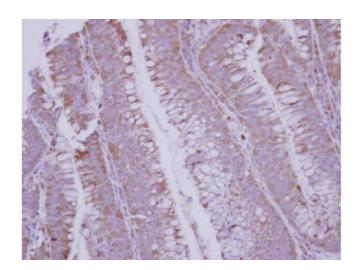


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Overview	
Quantity:	100 μL
Target:	BMP10
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus
	region of human BMP10. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to BMP10 (bone morphogenetic protein 10)
	BMP10 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	BMP10

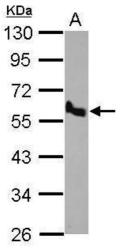
Target Details

Target Details	
Alternative Name:	bone morphogenetic protein 10 (BMP10 Products)
Background:	The protein encoded by this gene is a member of the TGF-beta family of growth factors. Data
	suggest that the similar protein in mouse plays an important role in trabeculation of the
	embryonic heart. In human, this protein may signal through receptor serine/threonine kinases.
	Cellular Localization: Secreted
Molecular Weight:	48 kDa
Gene ID:	27302
UniProt:	095393
Pathways:	Hormone Activity, Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.51 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using BMP10, antibody at 1:250 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: H1299 10% SDS PAGE antibody diluted at 1:500