

Rabbit anti-Human Bmp10 Polyclonal Antibody | anti-BMP10 antibody

Bmp10 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289985	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

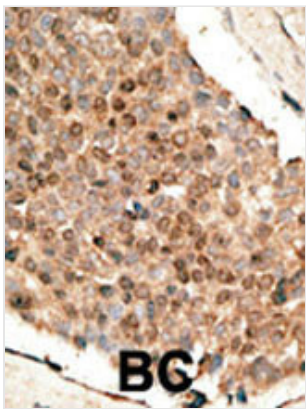
PRODUCT SYNONYMS

Bmp10; Polyclonal Antibody; Bmp10 Antibody (N-term); Bone morphogenetic protein 10; BMP-10; BMP10; anti-BMP10 antibody

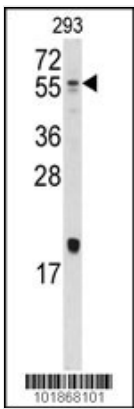
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Bmp10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-35 amino acids from the N-terminal region of human Bmp10.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	7-35
Sequence Length	424
Applicable Applications for anti-BMP10 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-Bmp10 Antibody (N-term) in 293 cell line lysates (35ug/lane). Bmp10(**arrow**) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP10 antibody	BMP10 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.
Product Categories/Family for anti-BMP10 antibody	Cardiovascular; Signal Transduction
References	Neuhaus, H., et al., Mech. Dev. 80(2):181-184 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656928
NCBI GeneID	27302
NCBI Accession #	NP_055297.1
NCBI GenBank Nucleotide #	NM_014482.1
UniProt Accession #	O95393; Q53R17; Q6NTE0
Molecular Weight	48047
NCBI Official Full Name	bone morphogenetic protein 10 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 10
NCBI Official Symbol	BMP10
NCBI Protein Information	bone morphogenetic protein 10
UniProt Protein Name	Bone morphogenetic protein 10
UniProt Gene Name	BMP10
UniProt Synonym Gene Names	BMP-10
UniProt Entry Name	BMP10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

