

Rabbit anti-Human GDF10 Polyclonal Antibody | anti-GDF10 antibody

GDF10 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288404	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

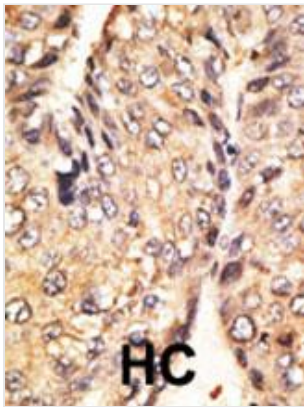
PRODUCT SYNONYMS

GDF10; Polyclonal Antibody; GDF10 Antibody (N-term); Bone morphogenetic protein 3B; BMP-3B; Bone-inducing protein; BIP; Growth/differentiation factor 10; GDF-10; BMP3B; anti-GDF10 antibody

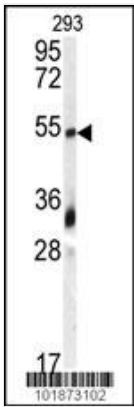
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GDF10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-62 amino acids from the N-terminal region of human GDF10.
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	33-62
Sequence Length	478
Applicable Applications for anti-GDF10 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 (Immunohiostchemistry)
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-GDF10 Antibody (N-term) in 293 cell line lysates (35ug/lane). GDF10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GDF10 antibody	GDF10 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice suggest that the protein encoded by this gene plays a role in skeletal morphogenesis.
Product Categories/Family for anti-GDF10 antibody	Cancer; Cell Biology; Signal transduction
References	Ducy, P., et al., Kidney Int. 57(6):2207-2214 (2000). Hino, J., et al., Biochem. Biophys. Res. Commun. 223(2):304-310 (1996). Cunningham, N.S., et al., Growth Factors 12(2):99-109 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826740
NCBI GeneID	2662
NCBI Accession #	NP_004953.1
NCBI GenBank Nucleotide #	NM_004962.3
UniProt Accession #	P55107; Q5VSQ8; Q9UCX6
Molecular Weight	53122
NCBI Official Full Name	growth/differentiation factor 10
NCBI Official Synonym Full Names	growth differentiation factor 10
NCBI Official Symbol	GDF10
NCBI Official Synonym Symbols	BMP3B; BMP-3b
NCBI Protein Information	growth/differentiation factor 10
UniProt Protein Name	Growth/differentiation factor 10
UniProt Gene Name	GDF10
UniProt Synonym Gene Names	GDF-10; BMP-3B; BIP

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gdf10-antibody-immunohistochemistry-western-blot-elisa/288404>