

Rabbit GDF10 Polyclonal Antibody | anti-GDF10 antibody

GDF10 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290172	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, ELISA, Western Blot

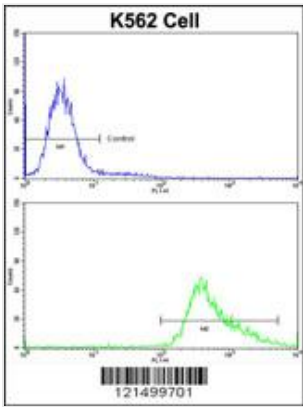
PRODUCT SYNONYMS

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

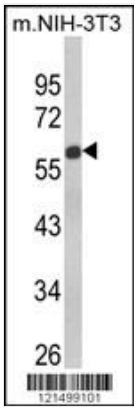
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GDF10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 317-344 amino acids from the Central region of human GDF10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.31 (varies by lot)
Sequence Positions	317-344
Sequence Length	478
Applicable Applications for anti-GDF10 antibody	FCM/FACS (Flow Cytometry), 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



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using GDF10 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GDF10 Antibody (Center) in NIH-3T3 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-flow-cytometry-western-blot-elisa/290172>