

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

GDF10 Antibody

CATALOG # AAA234063	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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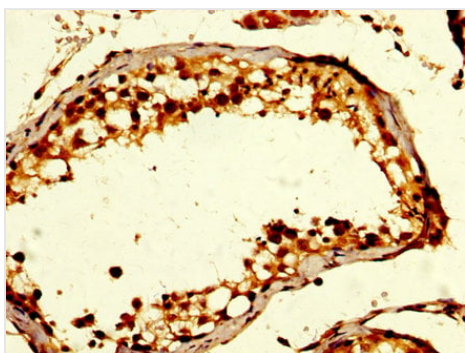
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

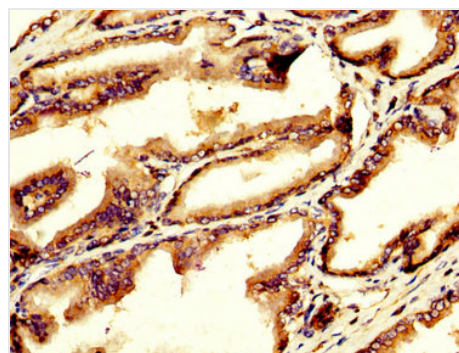
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	478
Applicable Applications for anti-GDF10 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Growth/differentiation factor 10 protein (369-478AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



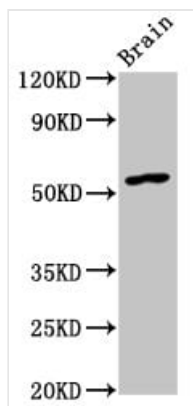
IHC (Immunohistochemistry)

IHC image of AAA234063 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234063 diluted at 1:200 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Rat brain tissue
 All lanes: GDF10 antibody at 4.5ug/ml
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 54 KDa
 Observed band size: 54 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GDF10 antibody	Growth factor involved in osteogenesis and adipogenesis. Plays an inhibitory role in the process of osteoblast differentiation via SMAD2/3 pathway. Plays an inhibitory role in the process of adipogenesis.
Product Categories/Family for anti-GDF10 antibody	Cancer; Cell Biology; Signal transduction; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826740
NCBI GeneID	2662
NCBI Accession #	NP_004953.1
NCBI GenBank Nucleotide #	NM_004962.4
UniProt Accession #	P55107; Q5VSQ8; Q9UCX6
Molecular Weight	53,122 Da
NCBI Official Full Name	growth/differentiation factor 10 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 10
NCBI Official Symbol	GDF10
NCBI Official Synonym Symbols	BIP; 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/234063>