

Rabbit anti-Human GDF11 Polyclonal Antibody | anti-GDF11 antibody

GDF11 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289384	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

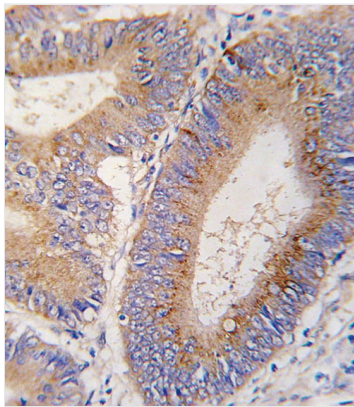
PRODUCT SYNONYMS

GDF11; Polyclonal Antibody; GDF11 Antibody (N-term); Growth/differentiation factor 11; GDF-11; Bone morphogenetic protein 11; BMP-11; BMP11; anti-GDF11 antibody

PRODUCT SPECIFICATIONS

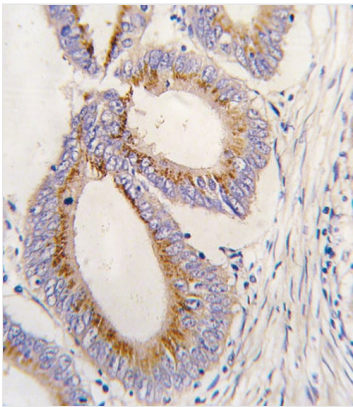
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GDF11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids from the N-terminal region of human GDF11.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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	32-61
Sequence Length	407
Applicable Applications for anti-GDF11 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



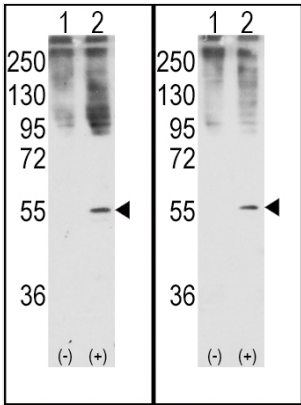
IHC (Immunohistochemisry)

Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with GDF11 antibody (N-term) , 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.



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WB (Western Blot)

Western blot analysis of GDF11 (arrow) using rabbit polyclonal GDF11 Antibody (R47). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GDF11 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-GDF11 antibody	GDF11 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 and Xenopus suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development.
Product Categories/Family for anti-GDF11 antibody	Cell Biology; Neuroscience; Signal Transduction
References	Lee, S.J., et al., Curr. Opin. Genet. Dev. 9(5):604-607 (1999). McPherron, A.C., et al., Nat. Genet. 22(3):260-264 (1999). Gamer, L.W., et al., Dev. Biol. 208(1):222-232 (1999). Hillier, L.D., et al., Genome Res. 6(9):807-828 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031613
NCBI GeneID	10220
NCBI Accession #	NP_005802.1

NCBI GenBank Nucleotide #	NM_005811.3
UniProt Accession #	O95390 ; Q9UID1 ; Q9UID2
Molecular Weight	45091
NCBI Official Full Name	growth/differentiation factor 11
NCBI Official Synonym Full Names	growth differentiation factor 11
NCBI Official Symbol	GDF11
NCBI Official Synonym Symbols	BMP11; BMP-11
NCBI Protein Information	growth/differentiation factor 11
UniProt Protein Name	Growth/differentiation factor 11
UniProt Gene Name	GDF11
UniProt Synonym Gene Names	BMP11; GDF-11; BMP-11
UniProt Entry Name	GDF11_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gdf11-antibody-immunohistochemistry-western-blot-elisa/289384>