

Rabbit anti-Human Growth/differentiation factor 5 Polyclonal Antibody | anti-GDF5 antibody

Rabbit anti-human Growth/differentiation factor 5 polyclonal Antibody(GDF5)

CATALOG # AAA118601	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

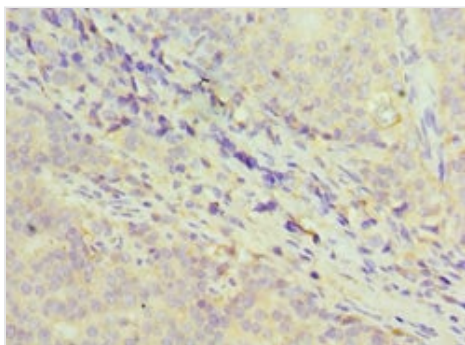
PRODUCT SYNONYMS

Growth/differentiation factor 5; Polyclonal Antibody; Rabbit anti-human Growth/differentiation factor 5 polyclonal Antibody(GDF5); GDF-5; Bone morphogenetic protein 14; BMP-14; Cartilage-derived morphogenetic protein 1; CDMP-1; Lipopolysaccharide-associated protein 4; LAP-4; LPS-associated protein 4; GDF5; BMP14; CDMP1; anti-GDF5 antibody

PRODUCT SPECIFICATIONS

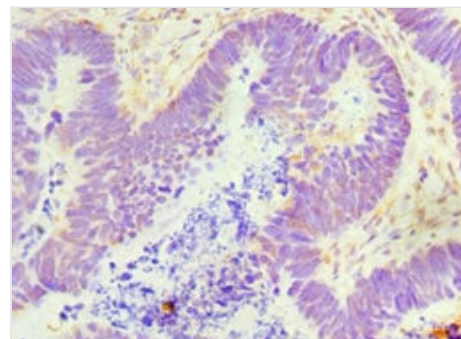
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	501
Applicable Applications for anti-GDF5 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Growth/differentiation factor 5 protein(202-501aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6901 / sc-55807 / sc-28909
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectal cancer using AAA118601 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA118601 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GDF5 antibody	Required to prevent excessive muscle loss upon denervation. This function requires SMAD4 and is mediated by phosphorylated SMAD1/5/8 (By similarity). Could be involved in bone and cartilage formation. Chondrogenic signaling is mediated by the high-affinity receptor BMPR1B. Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion by monocytes.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	611435007
NCBI GeneID	8200
NCBI Accession #	NP_000548.2
NCBI GenBank Nucleotide #	NM_000557.4
UniProt Accession #	P43026; Q96SB1; E1P5Q2
Molecular Weight	55,411 Da
NCBI Official Full Name	growth/differentiation factor 5 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 5
NCBI Official Symbol	GDF5
NCBI Official Synonym Symbols	OS5; LAP4; BDA1C; BMP14; CDMP1; LAP-4; SYM1B; SYNS2; BMP-14
NCBI Protein Information	growth/differentiation factor 5
UniProt Protein Name	Growth/differentiation factor 5
UniProt Gene Name	GDF5
UniProt Synonym Gene Names	BMP14; CDMP1; GDF-5; BMP-14; CDMP-1; LAP-4; LPS-associated protein 4
UniProt Entry Name	GDF5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/growth-differentiation-factor-5-antibody-immunohistochemistry-elisa/118601>