

Rabbit Growth Differentiation Factor 5 Polyclonal Antibody | anti-GDF5 antibody

Polyclonal Antibody to Growth Differentiation Factor 5 (GDF5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141808	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Growth Differentiation Factor 5; Polyclonal Antibody; Polyclonal Antibody to Growth Differentiation Factor 5 (GDF5); anti-GDF5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GDF5. It has been selected for its ability to recognize GDF5 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-LTQPKKDE PKKLPPRPGG PEPKPGHPPQ TRQATARTVT PKGQLPGGKA PPKAGSVPSS FLLKKAREPG PPREPKEPFR PPPITPHEYM LSLYRTLSDA DRKGGNSSVK LEAGLANTIT SFIDKGQDDR GPVVRKQRYV FDISALEKDG LLGAELRILR KKPSDTAKPA APGGGAAQL KLSSCPGSRQ PASLLDVRSV PGLDGSWEV FDIWKLFRNF KNSAQLCLEL EAWERGRAVD LRGLGFDRAA RQVHEKALFL VFGRTKKRDL FFNEIKARSG QDDKTVYEYL FSQRRKRRAP LATRQGKRPS KNLKARCSRK ALHVNFKDMG WDDWIIAPLE YEAHFCEGLC EFPLRSHLEP TNHAVIQTLN NSMDPESTPP TCCVPTLSP ISILFIDSAN NVVYKQYEDM VVESCGR
Sequence Length	500
Applicable Applications for anti-GDF5 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GDF5 (Leu86~Arg501)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant GDF5 (Leu86~Arg501) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Stomach Tissue.



IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Human Liver Cancer Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant GDF5, Human.

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

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/growth-differentiation-factor-5-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141808>