

Rabbit anti-Human, Mouse Growth Differentiation Factor 2 Polyclonal Antibody | anti-GDF2 antibody

Polyclonal Antibody to Growth Differentiation Factor 2 (GDF2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142095	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Growth Differentiation Factor 2; Polyclonal Antibody; Polyclonal Antibody to Growth Differentiation Factor 2 (GDF2); anti-GDF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GDF2. It has been selected for its ability to recognize GDF2 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 GGQQMGRGSE F-SAGGNAHS PLGVPGGGLP EHTFNLKMFL ENVKVDLRS LNLGVPSPQD KTRVEPPQYM IDLYNRYTSD KSTTPASNIV RSFSMEDAIS ITATEDFPFQ KHILLFNISI PRHEQITRAE LRLYVSCQNH VDP SHDLKGS VVIYDVL DGT DAWDSATETK TFLVSQDIQD EGWETLEVSS AVKRWVRSDS TSKNKLEVT VESHRKGCDT LDISVPPGSR NLPFFVVF SN DHSSGKTETR LELREMISHE QESVLKKLSK DGSTEAGESS HEEDTDGHVA AGSTLARRKR SAGAGSHCQK TSLRVNFEDI GWDSWIIAPK EYEAYECKGG CFFPLADDVT PTKHAIVQTL VHLKFPTKVG KACCVPTKLS PISVLYKDDM G
Applicable Applications for anti-GDF2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GDF2 (Ser32~Gly427)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant GDF2 (Ser32~Gly427) 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 (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant GDF2, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human hela Cells; Lane2: Human HepG2 Cells; Lane3: Mouse Heart Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705308
NCBI GeneID	2658
NCBI Accession #	NP_057288.1
NCBI GenBank Nucleotide #	NM_016204.3
UniProt Accession #	Q9UK05; Q5VSQ9; Q9Y571
Molecular Weight	47,320 Da
NCBI Official Full Name	growth/differentiation factor 2 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 2
NCBI Official Symbol	GDF2
NCBI Official Synonym Symbols	BMP9; HHT5; BMP-9
NCBI Protein Information	growth/differentiation factor 2
UniProt Protein Name	Growth/differentiation factor 2
UniProt Gene Name	GDF2
UniProt Synonym Gene Names	BMP9; GDF-2; BMP-9

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.