

Rabbit anti-Mouse Growth Differentiation Factor 9 Polyclonal Antibody | anti-GDF9 antibody

Polyclonal Antibody to Growth Differentiation Factor 9 (GDF9)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142367	Rabbit	Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Growth Differentiation Factor 9; Polyclonal Antibody; Polyclonal Antibody to Growth Differentiation Factor 9 (GDF9); anti-GDF9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GDF9. It has been selected for its ability to recognize GDF9 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-GQKAIRSE AKGPLLTASF NLSEYFKQFL FPQNECELHD FRLSFSQLKW DNWIVAPHRY NPYCKGDCP RAVRHRYGSP VHTMVQNIY EKLDPSVPRP SCVPGKYSPL SVLTIEPDGS IAYKEYEDMI ATRCTCR
Sequence Length	452
Applicable Applications for anti-GDF9 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GDF9 (Gly307~Arg441)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant GDF9 (Gly307~Arg441) 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 (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin-embedded Ovary tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	160298182
NCBI GeneID	14566
NCBI Accession #	NP_032136.2
NCBI GenBank Nucleotide #	NM_008110.2
UniProt Accession #	Q07105
Molecular Weight	49,649 Da
NCBI Official Full Name	growth/differentiation factor 9
NCBI Official Synonym Full Names	growth differentiation factor 9
NCBI Official Symbol	Gdf9
NCBI Official Synonym Symbols	Gdf-9
NCBI Protein Information	growth/differentiation factor 9
UniProt Protein Name	Growth/differentiation factor 9
UniProt Gene Name	Gdf9
UniProt Synonym Gene Names	Gdf-9; GDF-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.