

Rabbit GDF1 Polyclonal Antibody | anti-GDF1 antibody

GDF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40540	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

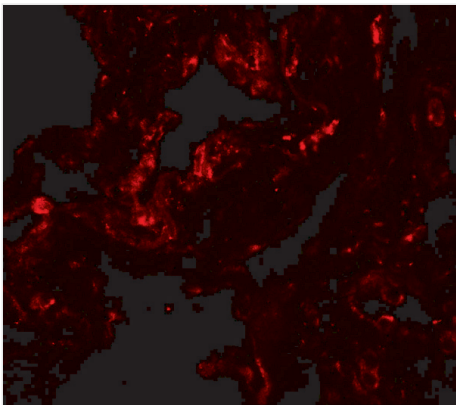
PRODUCT SYNONYMS

GDF1; Polyclonal Antibody; GDF1 Antibody; RAI; DORV; DTGA3GDF-1; growth differentiation factor 1; anti-GDF1 antibody

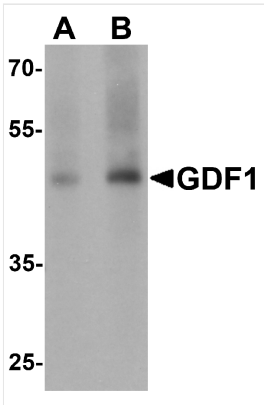
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GDF1 antibody is predicted to not cross-react with any other members of the growth differentiation factor family.
Purity/Purification	GDF1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	372
Applicable Applications for anti-GDF1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal GDF1 antibody was raised against a 16 amino acid peptide near the amino terminus of human GDF1.
Buffer	GDF1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GDF1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of GDF1 in human lung tissue with GDF1 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of GDF1 in rat lung tissue lysate with GDF1 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-GDF1 antibody	GDF1 Antibody: Growth differentiation factors (GDFs) are members of the transforming growth factor (TGF) superfamily that is involved in embryonic development and adult tissue homeostasis. GDF1 was initially identified as a temporally expressed gene in the mouse central nervous system during embryonic development, with only one isoform detected in adult tissues. GDF1 is required for left-right patterning during development and directly interacts with Nodal, another member of the TGF-beta superfamily. It has been suggested that GDF1 regulates the activity and signaling range of Nodal through direct interaction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110349792
NCBI GeneID	2657
NCBI Accession #	NP_001483
NCBI GenBank Nucleotide #	NM_001492.5
UniProt Accession #	P27539; O43344
Molecular Weight	41 kDa
NCBI Official Full Name	embryonic growth/differentiation factor 1
NCBI Official Synonym Full Names	growth differentiation factor 1
NCBI Official Symbol	GDF1
NCBI Official Synonym Symbols	RAI; DORV; DTGA3
NCBI Protein Information	embryonic growth/differentiation factor 1; GDF-1
UniProt Protein Name	Embryonic growth/differentiation factor 1
UniProt Gene Name	GDF1
UniProt Synonym Gene Names	GDF-1
UniProt Entry Name	GDF1_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.