

Rabbit GDF2 Polyclonal Antibody | anti-GDF2 antibody

GDF2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200490	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

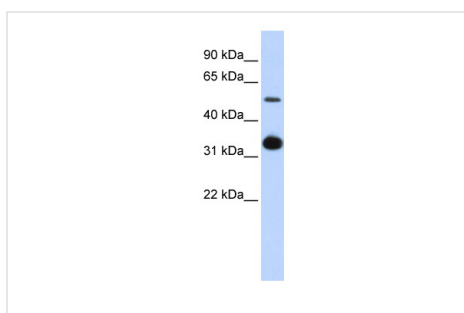
PRODUCT SYNONYMS

GDF2; Polyclonal Antibody; GDF2 antibody - middle region; anti-GDF2 antibody

PRODUCT SPECIFICATIONS

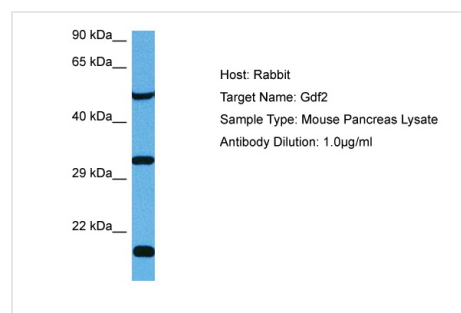
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: CF FPLADDVTPT KHAIVQTLVH LKFPTKVGA CCVPTKLSPISVLYKDDM
Sequence Length	429
Applicable Applications for anti-GDF2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GDF2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



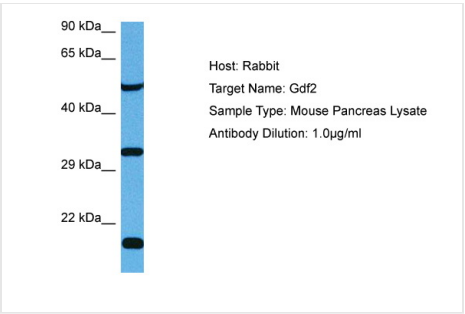
WB (Western Blot)

WB Suggested Anti-GDF2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: HepG2 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: Gdf2
Sample Type: Mouse Pancreas Lysate
Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: MouseTarget Name: GDF2Sample Tissue: Mouse PancreasAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GDF2 antibody	This is a rabbit polyclonal antibody against GDF2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GDF2 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons.The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons.
Product Categories/Family for anti-GDF2 antibody	Polyclonal; Signal Proteins; Growth Factors & Hormones; Developmental Biology; Phosphorylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705308
NCBI GeneID	2658
NCBI Accession #	NP_057288
NCBI GenBank Nucleotide #	NM_016204
UniProt Accession #	Q9UK05
Molecular Weight	47kDa
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
UniProt Entry Name	GDF2_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/gdf2-antibody-western-blot-elisa/200490>