

Rabbit anti-Mouse GDF6 Polyclonal Antibody | anti-GDF6 antibody

GDF6 Antibody (N-term)

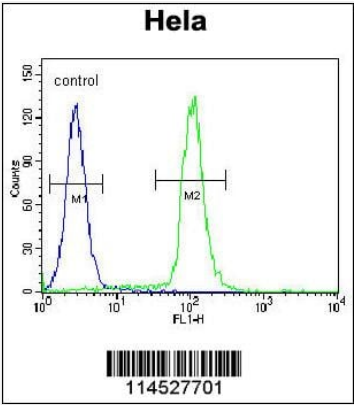
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288595	Rabbit	Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

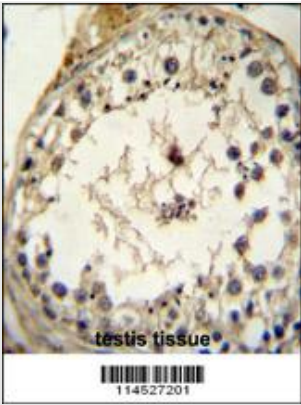
GDF6; Polyclonal Antibody; GDF6 Antibody (N-term); Growth/differentiation factor 6; GDF-6; Bone morphogenetic protein 13; BMP-13; Growth/differentiation factor 16; BMP13; GDF16; anti-GDF6 antibody

PRODUCT SPECIFICATIONS

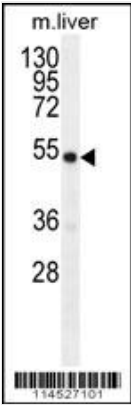
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GDF6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-59 amino acids from the N-terminal region of human GDF6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	31-59
Sequence Length	455
Applicable Applications for anti-GDF6 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GDF6 Antibody (N-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
GDF6 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GDF6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GDF6 Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the GDF6 antibody detected the GDF6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GDF6 antibody	This gene encodes a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily of secreted signaling molecules. It is required for normal formation of some bones and joints in the limbs, skull, and axial skeleton. Mutations in this gene result in colobomata, which are congenital abnormalities in ocular development, and in Klippel-Feil syndrome (KFS), which is a congenital disorder of spinal segmentation.
Product Categories/Family for anti-GDF6 antibody	Neuroscience; Signal Transduction
References	Gonzalez-Rodriguez, J., et al. Br J Ophthalmol 94(8):1100-1104(2010) Mikic, B., et al. J. Orthop. Res. 27(12):1603-1611(2009) Asai-Coakwell, M., et al. Hum. Mol. Genet. 18(6):1110-1121(2009) Zhang, X., et al. Mol. Vis. 15, 2911-2918 (2009) : Shen, B., et al. Int. J. Biol. Sci. 5(2):192-200(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48475062
NCBI GeneID	392255

NCBI Accession #	NP_001001557.1
NCBI GenBank Nucleotide #	NM_001001557.2
UniProt Accession #	Q6KF10; Q6PI58
Molecular Weight	50662
NCBI Official Full Name	growth/differentiation factor 6
NCBI Official Synonym Full Names	growth differentiation factor 6
NCBI Official Symbol	GDF6
NCBI Official Synonym Symbols	KFM; KFS; KFS1; KFSL; SGM1; BMP13; CDMP2; LCA17; MCOP4; SCDO4; BMP-13; MCOPCB6
NCBI Protein Information	growth/differentiation factor 6
UniProt Protein Name	Growth/differentiation factor 6
UniProt Gene Name	GDF6
UniProt Synonym Gene Names	BMP13; GDF16; GDF-6; BMP-13
UniProt Entry Name	GDF6_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gdf6-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288595>