

Rabbit FGF16 Polyclonal Antibody | anti-FGF16 antibody

FGF16 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289375	Rabbit	Mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

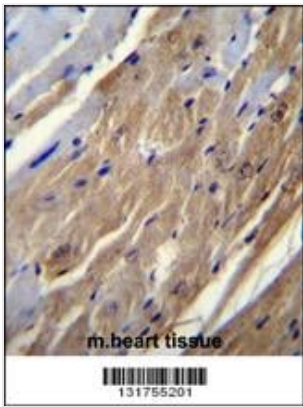
PRODUCT SYNONYMS

FGF16; Polyclonal Antibody; FGF16 Antibody (N-term); Fibroblast growth factor 16; FGF-16; anti-FGF16 antibody

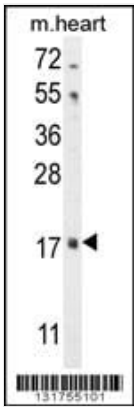
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FGF16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-50 amino acids from the N-terminal region of human FGF16.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	22-50
Sequence Length	207
Applicable Applications for anti-FGF16 antibody	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.

IMAGES



IHC (Immunohiostchemistry)
FGF16 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FGF16 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FGF16 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the FGF16 antibody detected the FGF16 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FGF16 antibody	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The rat homolog is predominantly expressed in embryonic brown adipose tissue and has significant mitogenic activity, which suggests a role in proliferation of embryonic brown adipose tissue.
Product Categories/Family for anti-FGF16 antibody	Cancer; Cardiovascular; Signal transduction
References	Sofronescu, A.G., et al. Cardiovasc. Res. 87(1):102-110(2010) Moffa, A.B., et al. J. Cell. Physiol. 210(3):720-731(2007) Antoine, M., et al. Biochem. Biophys. Res. Commun. 346(1):224-233(2006) Zhang, X., et al. J. Biol. Chem. 281(23):15694-15700(2006) Popovici, C., et al. J. Biol. Chem. 279(38):40146-40152(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503691
NCBI GeneID	8823
NCBI Accession #	NP_003859.1
NCBI GenBank Nucleotide #	NM_003868.2
UniProt Accession #	O43320
Molecular Weight	23759
NCBI Official Full Name	fibroblast growth factor 16
NCBI Official Synonym Full Names	fibroblast growth factor 16
NCBI Official Symbol	FGF16
NCBI Official Synonym Symbols	MF4; FGF-16
NCBI Protein Information	fibroblast growth factor 16

UniProt Protein Name	Fibroblast growth factor 16
UniProt Gene Name	FGF16
UniProt Synonym Gene Names	FGF-16
UniProt Entry Name	FGF16_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://stage.aaabiotech.com/polyclonal/fgf16-antibody-immunohistochemistry-western-blot-elisa/289375>