

Rabbit anti-Human, Mouse FGF18 Polyclonal Antibody | anti-FGF18 antibody

FGF18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324280	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

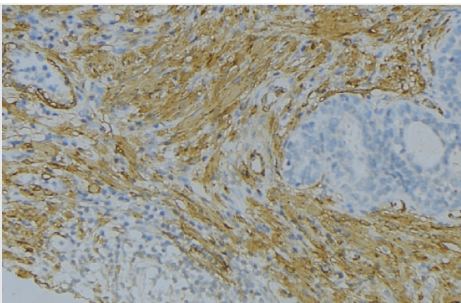
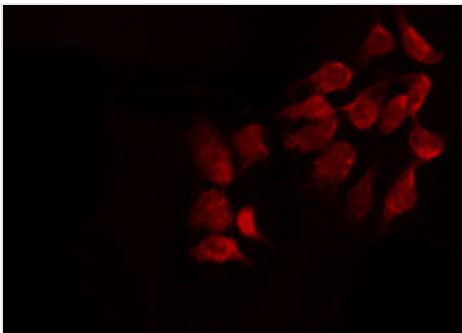
PRODUCT SYNONYMS

FGF18; Polyclonal Antibody; FGF18 Antibody; FGF 18; FGF-18; Fgf18; FGF18_HUMAN; FGF1; Fibroblast growth factor 18; zFGF5; anti-FGF18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	FGF18 antibody detects endogenous levels of total FGF18
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-FGF18 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324280 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

IHC (Immunohistochemistry)
AAA324280 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF18 antibody	Function: Plays an important role in the regulation of cell proliferation, cell differentiation and cell migration. Required for normal ossification and bone development. Stimulates hepatic and intestinal proliferation. Subunit Structure: Interacts with FGFR3 and FGFR4. Similarity: Belongs to the heparin-binding growth factors family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503695
NCBI GeneID	8817
NCBI Accession #	NP_003853.1
NCBI GenBank Nucleotide #	NM_003862.2
UniProt Accession #	O76093; Q6UWF1; D3DQL7
Molecular Weight	Predicted: 24 kDa
NCBI Official Full Name	fibroblast growth factor 18
NCBI Official Synonym Full Names	fibroblast growth factor 18
NCBI Official Symbol	FGF18
NCBI Official Synonym Symbols	ZFGF5; FGF-18
NCBI Protein Information	fibroblast growth factor 18
UniProt Protein Name	Fibroblast growth factor 18
UniProt Gene Name	FGF18
UniProt Synonym Gene Names	FGF-18

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/fgf18-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/324280>