

Rabbit FGF BASIC Polyclonal Antibody | anti-FGF antibody

RABBIT ANTI HUMAN FGF BASIC:Biotin

CATALOG # AAA49828	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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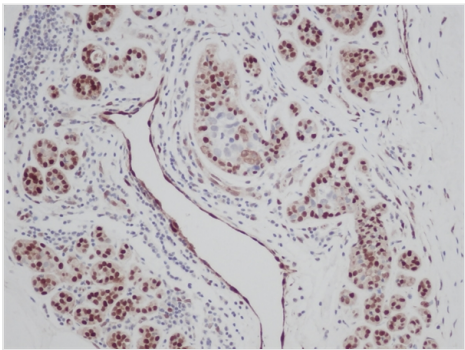
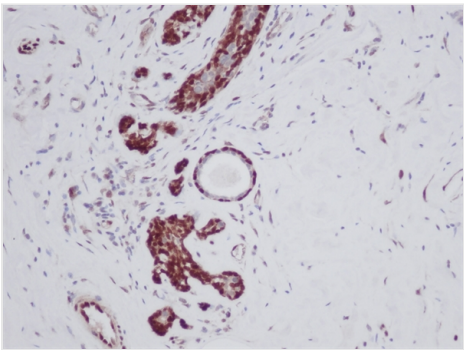
PRODUCT SYNONYMS

FGF BASIC; Polyclonal Antibody; RABBIT ANTI HUMAN FGF BASIC:Biotin; anti-FGF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Biotin Purified IgG conjugated to Biotin - lyophilised
Concentration	IgG concentration 0.1mg/ml after reconstitution. (varies by lot)
Sequence Length	288
Applicable Applications for anti-FGF antibody	WB (Western Blot), ELISA
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% Bovine Serum Albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human FGF basic were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Staining of frmalin fixed, paraffin embedded human breast invasive ductal carcinoma with Rabbit anti Human FGF-basic

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ADDITIONAL INFORMATION

Related Product Information for anti-FGF antibody

Rabbit anti Human FGF basic polyclonal antibody recognizes human Fibroblast Growth Factor (FGF) basic, otherwise known as FGF 2 (fibroblast growth factor 2), a member of the heparin-binding growth factor family which exists in both cytosolic and nuclear isoforms, ranging in size from 18-24kDa, expressed by the majority of cells and tissues. FGF basic is a multi-functional growth factor identified as a potent inducer of angiogenesis, an important factor in wound healing, tumour vascularisation and cardiovascular disease and is pivotal for the development and maintenance of vascular integrity during embryogenesis. The recombinant basic FGF protein used as immunogen for development of Rabbit anti Human FGF basic polyclonal antibody corresponds to the C-terminal portion of the molecule (A135 - S288), present in all known isoforms of human FGF basic, thus all isoforms are expected to be recognized by this Rabbit anti Human FGF basic polyclonal antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153285461
NCBI GeneID	2247
NCBI Accession #	NP_001997.5
NCBI GenBank Nucleotide #	NM_002006.4
UniProt Accession #	P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8
Molecular Weight	21,203 Da
NCBI Official Full Name	fibroblast growth factor 2
NCBI Official Synonym Full Names	fibroblast growth factor 2 (basic)
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2; basic fibroblast growth factor bFGF; heparin-binding growth factor 2; prostatropin
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_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.

