

Rabbit FGF-22 Polyclonal Antibody | anti-FGF-22 antibody

FGF-22 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322520	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

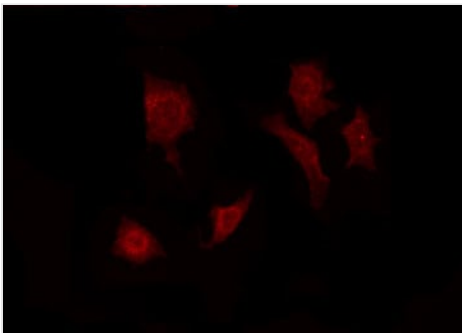
PRODUCT SYNONYMS

FGF-22; Polyclonal Antibody; FGF-22 Antibody; FGF 22; FGF22; FGF22_HUMAN; Fibroblast growth factor 22; anti-FGF-22 antibody

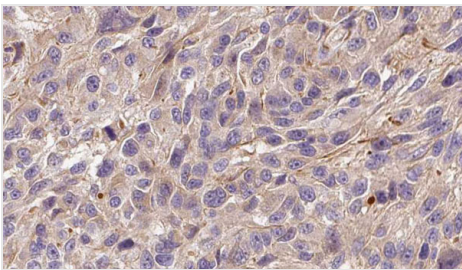
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FGF-22 antibody detects endogenous levels of total FGF-22
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	170
Applicable Applications for anti-FGF-22 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FGF-22
Subcellular Location	Secreted.
Predicted Cross Reactivity	Pig, Bovine, Sheep
Similarity	Pig (100%), Bovine (91%), Sheep (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

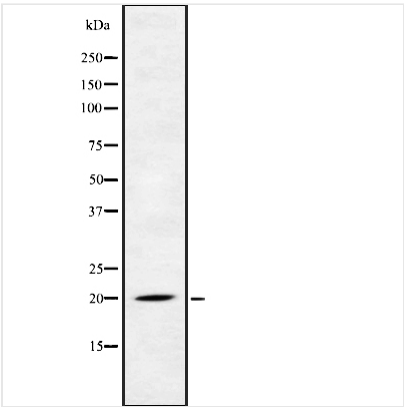
IMAGES



IF (Immunofluorescence)
AAA322520 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)
AAA322520 at 1/100 staining Human Melanoma 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.



WB (Western Blot)
Western blot analysis FGF-22 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-FGF-22 antibody	Function: Plays a role in the fasting response, glucose homeostasis, lipolysis and lipogenesis. Can stimulate cell proliferation (in vitro). May be involved in hair development. Subunit Structure: Interacts with FGFR1 and FGFR2. Interacts with FGFBP1. Similarity: Belongs to the heparin-binding growth factors family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10190672
NCBI GeneID	27006
NCBI Accession #	NP_065688.1
NCBI GenBank Nucleotide #	NM_020637.1
UniProt Accession #	Q9HCT0; B2RPH4
Molecular Weight	Observed: 20 kDa Predicted: 20 kDa
NCBI Official Full Name	fibroblast growth factor 22 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor 22
NCBI Official Symbol	FGF22
NCBI Protein Information	fibroblast growth factor 22

UniProt Protein Name	Fibroblast growth factor 22
UniProt Gene Name	FGF22
UniProt Synonym Gene Names	FGF-22

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/fgf-22-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322520>