

Rabbit FGF9 Polyclonal Antibody | anti-FGF9 antibody

FGF9 Antibody

CATALOG # AAA327991	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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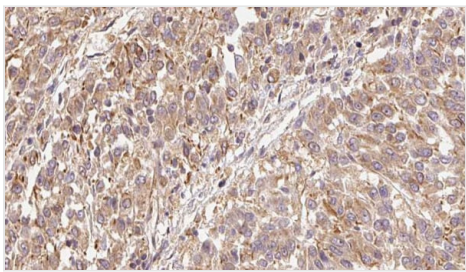
PRODUCT SYNONYMS

FGF9; Polyclonal Antibody; FGF9 Antibody; FGF 9; FGF-9; FGF9_HUMAN; Fibroblast growth factor 9; GAF (Glia-activafibroblast growth factor 9 (glia-activating factor)); GAF; Glia Activating Factor; Glia-activating factor; HBFG 9; HBFG9; HBGF-9; Heparin-binding growth factor 9; MGC119914; MGC119915; SYNS3; anti-FGF9 antibody

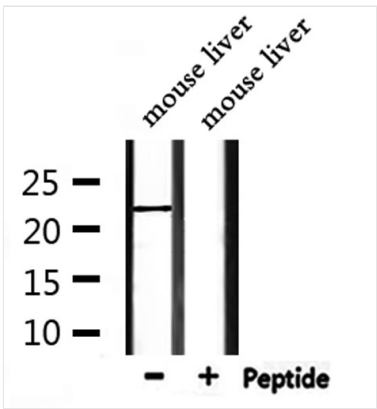
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FGF9 antibody detects endogenous levels of total FGF9
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	208
Applicable Applications for anti-FGF9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FGF9
Subcellular Location	Secreted.
Tissue Specificity	Glial cells.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (95%), Horse (100%), Sheep (95%), Rabbit (100%), Dog (100%), Chicken (90%), Xenopus (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

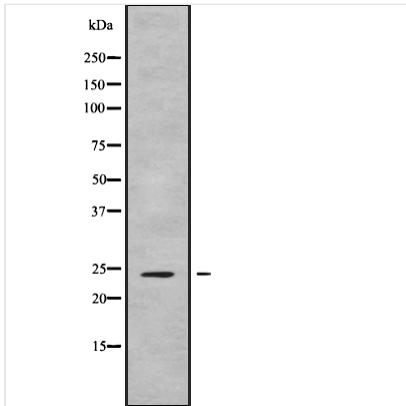
IMAGES



IHC (Immunohistochemisry)
AAA327991 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 of extracts from mouse liver, using FGF9 Antibody.



WB (Western Blot)
Western blot analysis FGF9 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-FGF9 antibody	Function: Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors. Subunit Structure: Monomer. Homodimer. Interacts with FGFR1, FGFR2, FGFR3 and FGFR4. Affinity between fibroblast growth factors (FGFs) and their receptors is increased by heparan sulfate glycosaminoglycans that function as coreceptors. Post-translational Modifications: Three molecular species were found (30 kDa, 29 kDa and 25 kDa), cleaved at Leu-4, Val-13 and Ser-34 respectively. The smaller ones might be products of proteolytic digestion. Furthermore, there may be a functional signal sequence in the 30 kDa species which is uncleavable in the secretion step. N-glycosylated. Similarity: Belongs to the heparin-binding growth factors family.
References	XiaoxiaoGao, XiaoleiYao, HuaYang, KaipingDeng, YixuanGuo, TingtingZhang, GuominZhang, FengWang; Journal: ANIM REPROD SCI. Role of FGF9 in sheep testis steroidogenesis during sexual maturation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503707
NCBI GeneID	2254
NCBI Accession #	NP_002001.1
NCBI GenBank Nucleotide #	NM_002010.2

UniProt Accession #	P31371 ; Q3SY32 ; A8K427
Molecular Weight	Observed: 23 kDa Predicted: 24 kDa
NCBI Official Full Name	fibroblast growth factor 9
NCBI Official Synonym Full Names	fibroblast growth factor 9
NCBI Official Symbol	FGF9
NCBI Official Synonym Symbols	GAF; FGF-9; SYNS3; HBFG-9; HBGF-9
NCBI Protein Information	fibroblast growth factor 9
UniProt Protein Name	Fibroblast growth factor 9
UniProt Gene Name	FGF9
UniProt Synonym Gene Names	FGF-9; GAF; HBGF-9

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/fgf9-antibody-immunohistochemistry-western-blot-elisa/327991>