

Rabbit FGF9 Polyclonal Antibody | anti-FGF9 antibody

FGF9 Antibody (N-term)

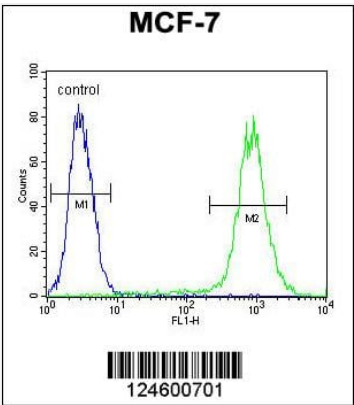
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288629	Rabbit	Human, mouse (Predicted Reactivity: Pig, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

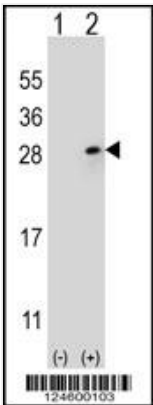
FGF9; Polyclonal Antibody; FGF9 Antibody (N-term); Fibroblast growth factor 9; FGF-9; Glia-activating factor; GAF; Heparin-binding growth factor 9; HBGF-9; anti-FGF9 antibody

PRODUCT SPECIFICATIONS

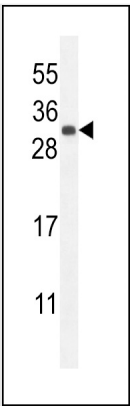
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FGF9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-58 amino acids from the N-terminal region of human FGF9.
Purity/Purification	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	31-58
Sequence Length	208
Applicable Applications for anti-FGF9 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
FGF9 Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of FGF9 (arrow) using rabbit polyclonal FGF9 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FGF9 gene.



WB (Western Blot)
FGF9 Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the FGF9 antibody detected the FGF9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FGF9 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. This protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis.
Product Categories/Family for anti-FGF9 antibody	Cancer; Cardiovascular; Developmental Biology; Neuroscience; Signal Transduction
References	Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) : Kalinina, J., et al. Mol. Cell. Biol. 29(17):4663-4678(2009) Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009) Wu, X.L., et al. Am. J. Hum. Genet. 85(1):53-63(2009)

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	23441
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
UniProt Entry Name	FGF9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fgf9-antibody-flow-cytometry-western-blot-elisa/288629>