

Rabbit FGF8 Polyclonal Antibody | anti-FGF8 antibody

Anti-FGF8 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45123	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

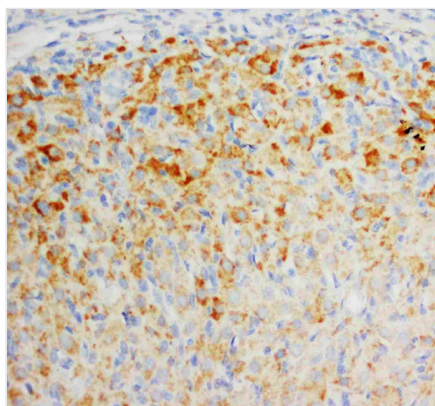
PRODUCT SYNONYMS

FGF8; Polyclonal Antibody; Anti-FGF8 antibody; Fibroblast growth factor 8(FGF-8); fibroblast growth factor 8(androgen-induced); AIGF antibody; Androgen induced growth factor antibody; Androgen-induced growth factor antibody; FGF 8 antibody; FGF-8 antibody; FGF8 antibody; FGF8_HUMAN antibody; Fibroblast growth factor 8(androgen induced) antibody; Fibroblast growth factor 8 antibody; Fibroblast growth factor 8 precursor antibody; HBGF 8 antibody; HBGF-8 antibody; HBGF8 antibody; Heparin-binding growth factor 8 antibody; anti-FGF8 antibody

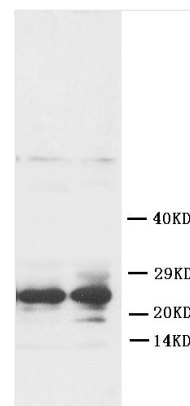
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	233
Applicable Applications for anti-FGF8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human FGF8 (163-185aa FMKRLPRGHHTTEQSLRFEFLNY), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-FGF8 antibody, AAA45123, IHC(P)IHC(P): Rat Ovary Tissue


WB (Western Blot)

Anti-FGF8 antibody, AAA45123, Western blottingWB: Rat Ovary Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-FGF8 antibody	Description: Rabbit IgG polyclonal antibody for Fibroblast growth factor 8(FGF8) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Fibroblast growth factor 8(androgen-induced), also known as FGF8 or AIGF, is a human gene which maps to 10q24. The protein encoded by this gene are secreted proteins that interact with FGF tyrosine kinase receptors to mediate growth and development. This protein is known to be a factor that supports androgen and anchorage independent growth of mammary tumor cells. Overexpression of this gene has been shown to increase tumor growth and angiogenesis. The temporal and spatial patterns of this gene expression suggest that FGF8 is involved in gastrulation, regionalization of the brain, and organogenesis of the limb and face as an embryonic epithelial factor. The adult expression of FGF8 is restricted to gonads, including testes and ovaries. FGF8 stimulated growth of human prostate carcinoma cells and mouse fibroblasts and mammary carcinoma cells in a dose-dependent manner. It also may play an important role in growth and patterning of limbs, face, and central nervous system. FGF8 is expressed in increased levels in breast cancer and in lactating human breast; it was also detected in human milk. A survey of other normal tissues showed that FGF8 is expressed in the proliferative cells of the skin and epithelial cells in colon, ovary, fallopian tube, and uterus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1706791
NCBI GeneID	2253
UniProt Accession #	P55075; Q14915; Q15766; A1A514
Molecular Weight	27,715 Da
NCBI Official Full Name	Fibroblast growth factor 8
NCBI Official Synonym Full Names	fibroblast growth factor 8 (androgen-induced)
NCBI Official Symbol	FGF8
NCBI Official Synonym Symbols	HH6; AIGF; KAL6; FGF-8; HBGF-8
NCBI Protein Information	fibroblast growth factor 8; androgen-induced growth factor; heparin-binding growth factor 8
UniProt Protein Name	Fibroblast growth factor 8
UniProt Gene Name	FGF8
UniProt Synonym Gene Names	AIGF; FGF-8; AIGF; HBGF-8
UniProt Entry Name	FGF8_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/fgf8-antibody-immunohistochemistry-western-blot-elisa/45123>