

Rabbit anti-Rat FGFR4 Polyclonal Antibody | anti-FGFR4 antibody

Anti-FGFR4 Antibody, Rabbit Polyclonal

CATALOG # AAA257301	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	--------------------------	--

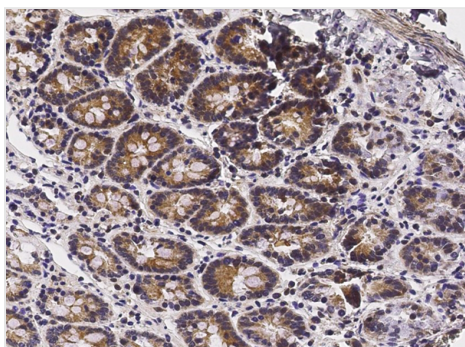
PRODUCT SYNONYMS

FGFR4; Polyclonal Antibody; Anti-FGFR4 Antibody; Rabbit Polyclonal; FGFR4/FGF Receptor 4 Antibody; Rabbit PAb; Antigen Affinity Purified; fibroblast growth factor receptor 4; anti-FGFR4 antibody

PRODUCT SPECIFICATIONS

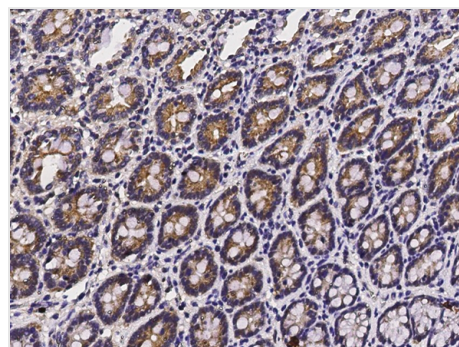
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat FGFR4/FGF Receptor 4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FGFR4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Rat FGFR4/FGF Receptor 4 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rat FGFR4/FGF Receptor 4 (rR FGFR4/FGF Receptor 4). FGFR4/FGF Receptor 4 specific IgG was purified by Rat FGFR4/FGF Receptor 4 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of rat FGFR4 in rat intestine with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of rat FGFR4 in rat stomach with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR4 antibody	Fibroblast growth factor receptor 4 (FGFR4) also known as CD334 antigen or tyrosine kinase related to fibroblast growth factor receptor, is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of FGFR4/CD334 interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. FGFR4/CD334 preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. FGFR4/CD334 signaling is down-regulated by receptor internalization and degradation; MMP14 promotes internalization and degradation of FGFR4/CD334. Mutations in FGFR4/CD334 lead to constitutive kinase activation or impair normal FGFR4 inactivation lead to aberrant signaling.
Product Categories/Family for anti-FGFR4 antibody	Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	Hart KC, et al. (2000) Transformation and Stat activation by derivatives of FGFR1, FGFR3, and FGFR4. Oncogene. 19(29): 3309-20. Xie MH, et al. (1999) FGF-19, a novel fibroblast growth factor with unique specificity for FGFR4. Cytokine. 11(10): 729-35. Yu C, et al. (2000) Elevated cholesterol metabolism and bile acid synthesis in mice lacking membrane tyrosine kinase receptor FGFR4. J Biol Chem. 275(20): 15482-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158186625
NCBI GeneID	25114
NCBI Accession #	NP_001103374.1
NCBI GenBank Nucleotide #	NM_001109904.1
UniProt Accession #	Q498D6
Molecular Weight	88,708 Da
NCBI Official Full Name	fibroblast growth factor receptor 4
NCBI Official Synonym Full Names	fibroblast growth factor receptor 4
NCBI Official Symbol	Fgfr4
NCBI Protein Information	fibroblast growth factor receptor 4
UniProt Protein Name	Fibroblast growth factor receptor 4
UniProt Gene Name	Fgfr4
UniProt Synonym Gene Names	FGFR-4
UniProt Entry Name	FGFR4_RAT

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://www.aaabiotech.com/polyclonal/fgfr4-antibody-immunohistochemistry-elisa/257301>