

Rabbit anti-Human FLRT3 Polyclonal Antibody | anti-FLRT3 antibody

Anti-FLRT3 Antibody, Rabbit Polyclonal

CATALOG # AAA255335	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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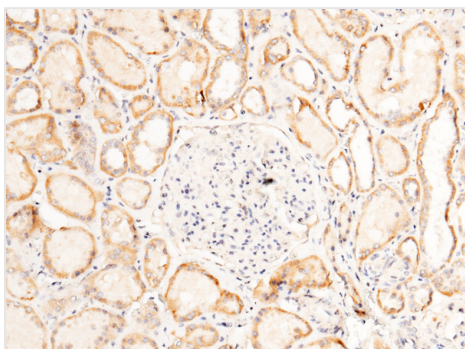
PRODUCT SYNONYMS

FLRT3; Polyclonal Antibody; Anti-FLRT3 Antibody; Rabbit Polyclonal; FLRT3 Antibody; Rabbit PAb; Antigen Affinity Purified; fibronectin leucine rich transmembrane protein 3; Anti-HH21 Antibody; anti-FLRT3 antibody

PRODUCT SPECIFICATIONS

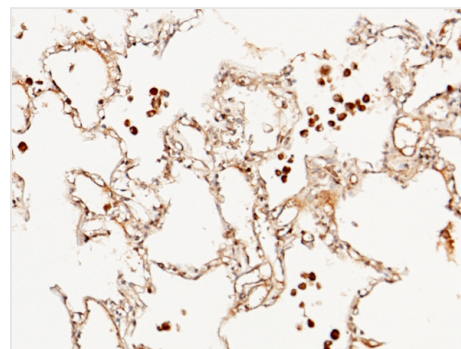
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FLRT3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FLRT3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human FLRT3 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human FLRT3 (rh FLRT3). FLRT3 IgG was purified by human FLRT3 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 human FLRT3 in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). Positive staining was localized to nephric tubule.



IHC (Immunohistochemistry)

Immunochemical staining of human FLRT3 in human lung with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-FLRT3 antibody	Leucine-rich repeat transmembrane protein FLRT3, also known as Fibronectin-like domain-containing leucine-rich transmembrane protein 3, and FLRT3, is a single-pass type I membrane protein which belongs to the fibronectin leucine rich transmembrane protein (FLRT) family. FLRT3 contains one fibronectin type-III domain and ten LRR (leucine-rich) repeats and is expressed in kidney, brain, pancreas, skeletal muscle, lung, liver, placenta, and heart. It has a provocative expression pattern during somite development being expressed in regions of the somite where muscle precursor cells migrate from the dermomyotome and move into the myotome, and later in myotomal precursors destined to migrate towards their final destination. FLRT1, FLRT2 and FLRT3 are members of the FLRT family. The FLRT family of leucine-rich repeat (LRR) proteins is implicated in fibroblast growth factor (FGF) signalling, early embryonic development and neurite outgrowth. FLRT3 shares 55% amino acid sequence identity with FLRT1 and 44% identity with FLRT2. Two alternatively spliced transcript variants encoding the same protein have been described. The expression of FLRT3 is controlled by fibroblast growth factors (FGFs). FLRT3 has been implicated in neurite outgrowth after nerve damage, as a positive regulator of FGF signalling and in homotypic cell adhesion. FLRT3 may have a crucial role in regulating cellular adhesion between the epithelial apical ridge and the underlying mesenchyme and in establishing the dorso-ventral position of the ridge.
References	Smith TG, et al. (2006) The expression of Flrt3 during chick limb development. Int J Dev Biol. 50(8): 701-4. Haines BP, et al. (2006) Regulated expression of FLRT genes implies a functional role in the regulation of FGF signalling during mouse development. Dev Biol. 297(1): 14-25. Karaulanov EE, et al. (2006) A role for fibronectin-leucine-rich transmembrane cell-surface proteins in homotypic cell adhesion. EMBO Rep. 7(3): 283-90. Gong SG, et al. (2009) Flrt2 and Flrt3 have overlapping and non-overlapping expression during craniofacial development. Gene Expr Patterns. 29(7): 497-502.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38202222
NCBI GeneID	23767
NCBI Accession #	NP_938205.1
NCBI GenBank Nucleotide #	NM_198391.2
UniProt Accession #	Q9NZU0 ; Q542Z9 ; Q96K39 ; Q96K42 ; Q96KB1 ; Q9P259 ; D3DW20
Molecular Weight	73,004 Da
NCBI Official Full Name	leucine-rich repeat transmembrane protein FLRT3
NCBI Official Synonym Full Names	fibronectin leucine rich transmembrane protein 3
NCBI Official Symbol	FLRT3
NCBI Official Synonym Symbols	HH21
NCBI Protein Information	leucine-rich repeat transmembrane protein FLRT3
UniProt Protein Name	Leucine-rich repeat transmembrane protein FLRT3
UniProt Gene Name	FLRT3
UniProt Synonym Gene Names	KIAA1469
UniProt Entry Name	FLRT3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/flrt3-antibody-immunohistochemistry-elisa/255335>