

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

FLRT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231440	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

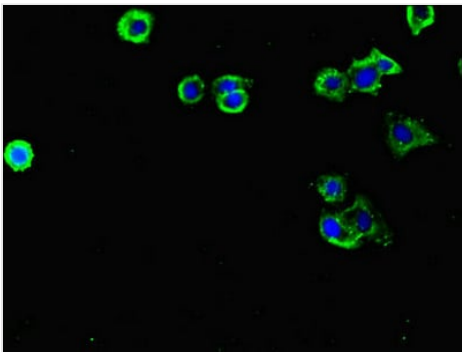
PRODUCT SYNONYMS

FLRT3; Polyclonal Antibody; FLRT3 Antibody; Leucine-rich repeat transmembrane protein FLRT3; Fibronectin-like domain-containing leucine-rich transmembrane protein 3; KIAA1469; UNQ856/PRO1865; anti-FLRT3 antibody

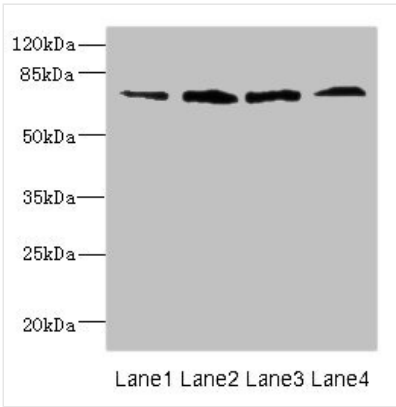
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	649
Applicable Applications for anti-FLRT3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Leucine-rich repeat transmembrane protein FLRT3 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82155 / sc-82156 / sc-98656
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG-2 cells using AAA231440 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western blotAll lanes: DARS2 antibody at 16ug/mlLane 1: Mouse heart tissueLane 2: Mouse liver tissueLane 3: Mouse brain tissueLane 4: Mouse skeletal muscle tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 73 kDaObserved band size: 73 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FLRT3 antibody	Functions in cell-cell adhesion, cell migration and axon guidance, exerting an attractive or repulsive role depending on its interaction partners. Plays a role in the spatial organization of brain neurons. Plays a role in vascular development in the retina (By similarity). Plays a role in cell-cell adhesion via its interaction with ADGRL3 and probably also other latrophilins that are expressed at the surface of adjacent cells (PubMed:26235030). Interaction with the intracellular domain of ROBO1 mediates axon attraction towards cells expressing NTN1. Mediates axon growth cone collapse and plays a repulsive role in neuron guidance via its interaction with UNC5B, and possibly also other UNC-5 family members (By similarity). Promotes neurite outgrowth (in vitro) (PubMed:14706654). Mediates cell-cell contacts that promote an increase both in neurite number and in neurite length. Plays a role in the regulation of the density of glutamaergic synapses. Plays a role in fibroblast growth factor-mediated signaling cascades. Required for normal morphogenesis during embryonic development, but not for normal embryonic patterning. Required for normal ventral closure, headfold fusion and definitive endoderm migration during embryonic development. Required for the formation of a normal basement membrane and the maintenance of a normal anterior visceral endoderm during embryonic development (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019383
NCBI GeneID	23767
NCBI Accession #	NP_037413.1
NCBI GenBank Nucleotide #	NM_013281.3
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-immunofluorescence-western-blot-elisa/231440>