Datasheet for ABIN7158122

anti-FLRT3 antibody (AA 209-264)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	FLRT3
Binding Specificity:	AA 209-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLRT3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Leucine-rich repeat transmembrane protein FLRT3 protein (209-264AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	FLRT3
Alternative Name:	FLRT3 (FLRT3 Products)
Background:	Background: 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

Target Details

	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). Aliases: fibronectin leucine rich transmembrane protein 3 antibody, Fibronectin-like domain-containing leucine-rich transmembrane protein 3 antibody, FLRT 3 antibody, FLRT3 antibody, FLRT3_HUMAN antibody, KIAA1469 antibody, Leucine-rich repeat transmembrane protein FLRT3 antibody
UniProt:	Q9NZU0

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,
Restrictions:	For Research Use only

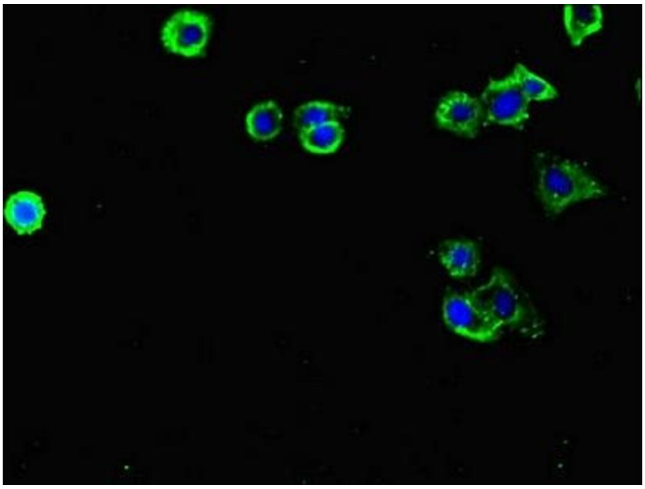
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

Handling

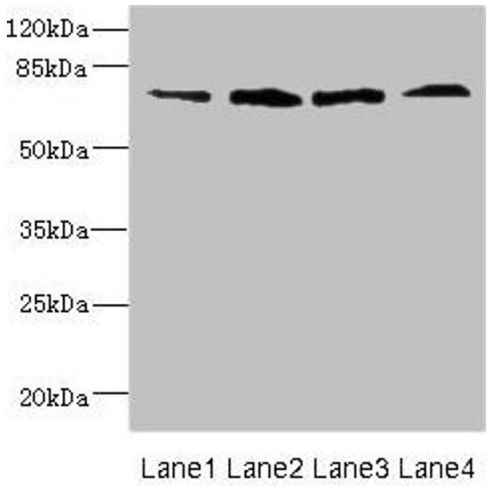
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7158122 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: DARS2 antibody at 16 µg/mL Lane 1: Mouse heart tissue Lane 2: Mouse liver tissue Lane 3: Mouse brain tissue Lane 4: Mouse skeletal muscle tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 73 kDa Observed band size: 73 kDa