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Datasheet for ABIN1704432
anti-FLRT1 antibody (AA 301-400) (Cy5)

Overview

Quantity:	100 µL
Target:	FLRT1
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLRT1 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FLRT1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FLRT1
Alternative Name:	FLRT1 (FLRT1 Products)
Background:	Synonyms: Fibronectin-like domain containing leucine rich transmembrane protein 1;

Target Details

Fibronectin-like domain-containing leucine-rich transmembrane protein 1; FLRT1; FLRT1_HUMAN; Leucine rich repeat transmembrane protein FLRT1; Leucine-rich repeat transmembrane protein FLRT1.

Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic α / horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. FLRT1 (fibronectin leucine rich transmembrane protein 1) is a 646 amino acid single-pass type I membrane protein that contains one fibronectin type-III domain and ten LRR repeats. Expressed in kidney and brain, FLRT1 is thought to play a role in cell adhesion and receptor signaling. FLRT1 shares similarity with FLRT2 and FLRT3 and is subject to post-translational N-glycosylation. The gene encoding FLRT1 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome.

Gene ID: 23769

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 $\mu\text{g}/\mu\text{L}$

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months