

bs-12361R**[Primary Antibody]****FLRT1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 23769	SWISS: Q9NZU1	Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken)
Target: FLRT1		
Immunogen: KLH conjugated synthetic peptide derived from human FLRT1: 301-400/646. < Extracellular >		
Purification: affinity purified by Protein A		Predicted MW.: 69 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic α / β 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.		