



FLRT2 Polyclonal Antibody

Catalog No	YP-Ab-07195
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	FLRT2 KIAA0405 UNQ232/PRO265
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	FLRT2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLRT2_HUMAN;FLRT2;Fibronectin-like domain-containing leucine-rich transmembrane protein 2;KIAA45;FLRT2 KIAA0405 UNQ232/PRO265;Leucine-rich repeat transmembrane protein FLRT2 (Fibronectin-like domain-containing leucine-rich transmembrane protein 2)
Observed Band	72kD
Calculated Molecular Weight	7 kDa
Cell Pathway	Cell membrane ; Single-pass membrane protein . Endoplasmic reticulum membrane . Cell junction, focal adhesion . Secreted, extracellular space, extracellular matrix . Microsome membrane . Secreted . Cell junction, synapse, synaptosome . Proteolytic cleavage gives rise to a shedded ectodomain. .
Tissue Specificity	Expressed in pancreas, skeletal muscle, brain, and heart.
Function	function:May have a function in cell adhesion and/or receptor signaling.,PTM:N-glycosylated.,similarity:Contains 1 fibronectin type-III domain.,similarity:Contains 10 LRR (leucine-rich) repeats.,tissue specificity:Expressed in pancreas, skeletal muscle, brain, and heart.,

Background

fibronectin leucine rich transmembrane protein 2(FLRT2) Homo sapiens This gene encodes a member of the fibronectin leucine rich transmembrane (FLRT) family of cell adhesion molecules, which regulate early embryonic vascular and neural development. The encoded type I transmembrane protein has an extracellular region consisting of an N-terminal leucine-rich repeat domain and a type 3 fibronectin domain, followed by a transmembrane domain and a short C-terminal cytoplasmic tail domain. It functions as both a homophilic cell adhesion molecule and a heterophilic chemorepellent through its interaction with members of the uncoordinated-5 receptor family. Proteolytic removal of the extracellular region controls the migration of neurons in the developing cortex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images