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Rabbit Anti-FLRT2 antibody

SL12561R

Product Name:	FLRT2
Chinese Name:	富含亮氨酸跨膜纤连蛋白2抗体
Alias:	Fibronectin leucine rich transmembrane protein 2; Fibronectin-like domain-containing leucine-rich transmembrane protein 2; KIAA0405; Leucine rich repeat transmembrane protein; Leucine rich repeat transmembrane protein FLRT2; FLRT2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	70kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FLRT2:201-300/660<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	FLRT2 is a 660 amino acid single-pass type I membrane protein that is expressed in pancreas, skeletal muscle, brain and heart. Comprised of one fibronectin type-III domain and ten LRR (leucine-rich) repeats, FLRT2 may play a role in cell adhesion and/or receptor signaling. It is suggested that FLRT2 is involved in mediating events such as

NCC (neural crest cell) migration, chondrogenesis and epithelial-mesenchymal interactions during craniofacial development.

Function:
May have a function in cell adhesion and/or receptor signaling.

Subcellular Location:
Membrane; Single-pass type I membrane protein.

Tissue Specificity:
Expressed in pancreas, skeletal muscle, brain, and heart.

Post-translational modifications:
N-glycosylated.

Similarity:
Contains 1 fibronectin type-III domain.
Contains 10 LRR (leucine-rich) repeats.
Contains 1 LRRCT domain.
Contains 1 LRRNT domain.

SWISS:
O43155

Gene ID:
23768

Database links:

Entrez Gene: 23768Human

Entrez Gene: 399558Mouse

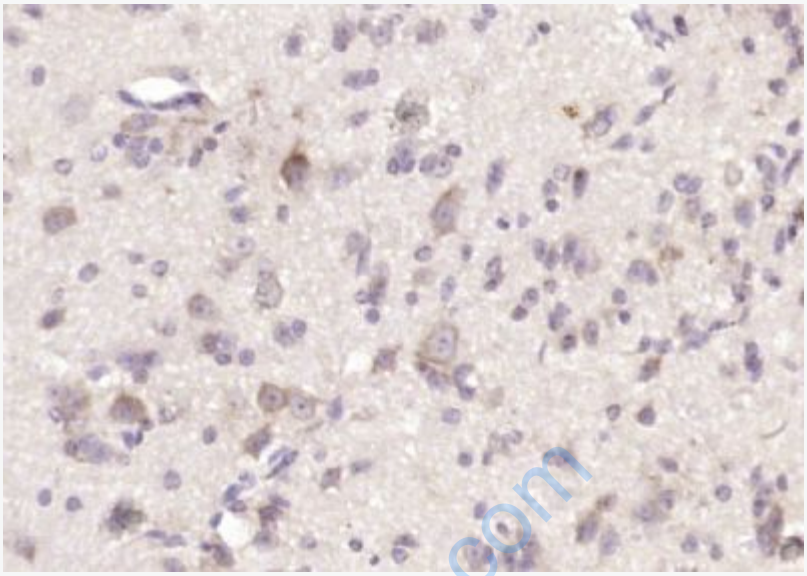
Omim: 604807Human

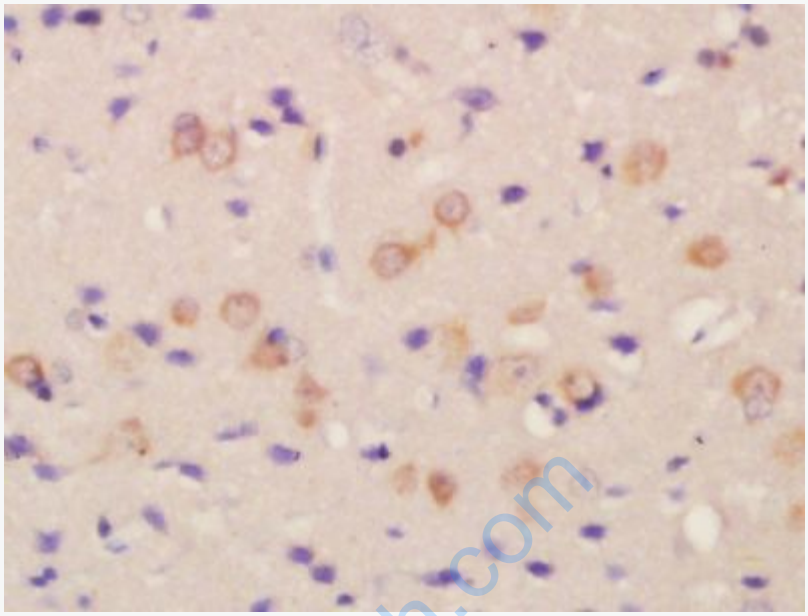
SwissProt: O43155Human

Unigene: 533710Human

Unigene: 341948Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FLRT2) Polyclonal Antibody, Unconjugated (SL12561R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-FLRT2 Polyclonal Antibody, Unconjugated(SL12561R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining