

## Rabbit Anti-FLRT3 antibody

SL25263R

**Product Name** FLRT3

**Chinese Name** 富含亮氨酸跨膜纤连蛋白 3 抗体

**Alias** FLRT3\_HUMAN; Leucine-rich repeat transmembrane protein FLRT3; KIAA1469; Fibronectin-like domain-containing leucine-rich transmembrane protein 3; UNQ856/PRO1865;

**Research Area** Developmental biology Signal transduction Stem cells Cell differentiation The cell membrane 蛋白

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** Rat(predicted:Human,Mouse,Cow,Horse,Sheep)

**Applications** IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500 (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 70kDa

**Cellular localization** cytoplasmic The cell membrane

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human FLRT3: 331-430/649 <Extracellular>

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**PubMed**

[PubMed](#)

FLRT3 is a 649 amino acid single-pass type I membrane protein that contains one fibronectin type-III domain and ten leucine-rich repeats and belongs to the fibronectin leucine rich transmembrane protein (FLRT) family. Expressed in heart, liver, lung, kidney, pancreas, brain, placenta and skeletal muscle, FLRT3 is thought to be involved in receptor signaling events and may play a role in both cell adhesion neurite outgrowth. Defects in the gene encoding mouse FLRT3 may lead to ventral closure, headfold fusion and endoderm migration defects, suggesting that FLRT3 is important for proper cell differentiation and development. FLRT3 exists as multiple alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 20.

**SWISS:**

Q9NZU0

**Gene ID:**

23767

**Product  
Detail**

**Database links:**

[Entrez Gene: 428552](#) Chicken

[Entrez Gene: 23767](#) Human

[Entrez Gene: 71436](#) Mouse

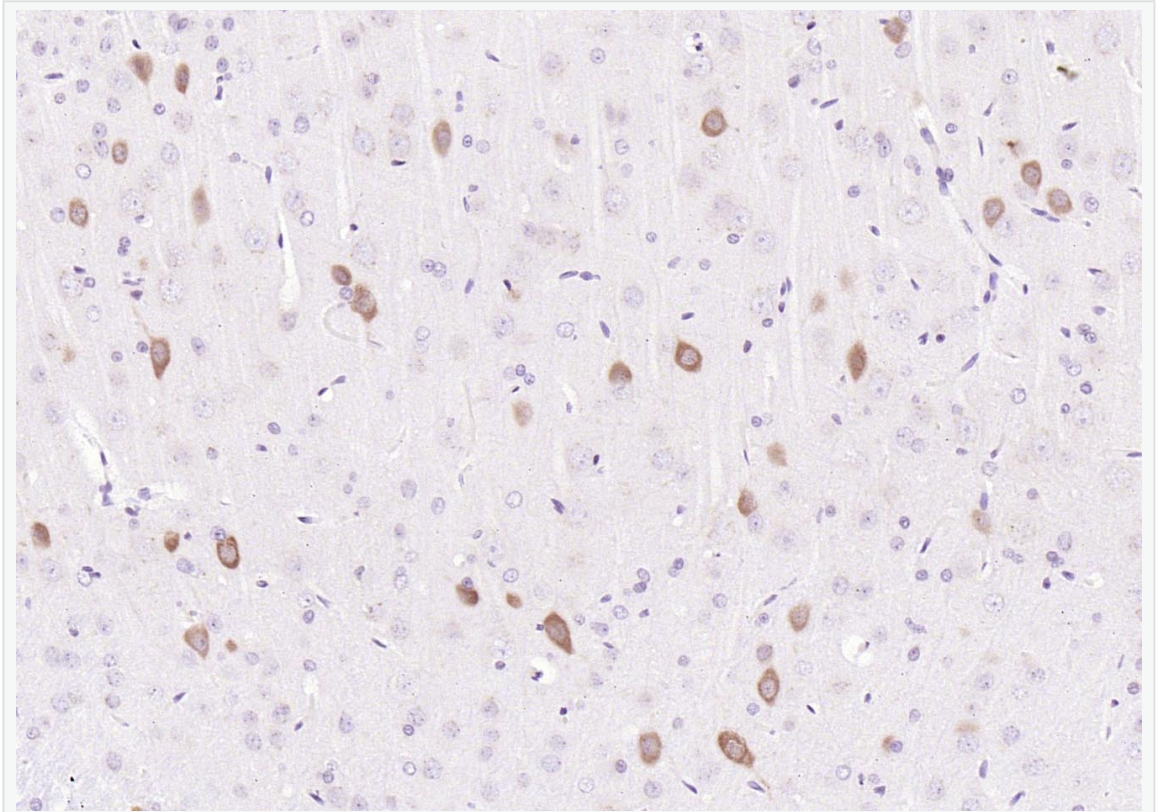
[Entrez Gene: 366205](#) Rat

[SwissProt: F1NUK7](#) Chicken

[SwissProt: Q9NZU0](#) Human

[SwissProt: B1H234](#) Rat

**Product  
Picture**



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (FLRT3) Polyclonal Antibody, Unconjugated (SL25263R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.