



## Rabbit Anti-FAM62C antibody

SL12165R

<b>Product Name:</b>	FAM62C
<b>Chinese Name:</b>	延伸突触蛋白3抗体
<b>Alias:</b>	CHR3SYT; E Syt3; ESYT3; Extended synaptotagmin 3; Extended synaptotagmin-like protein 3; ESYT3 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
<b>Applications:</b>	ELISA=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.
<b>Molecular weight:</b>	100kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FAM62C:101-200/886
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome,

osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. The FAM62C gene product has been provisionally designated FAM62C pending further characterization.

**Function:**

FAM62C belongs to the extended synaptotagmin family. It is a single-pass membrane protein, and contains 3 C2 domains. FAM62C may play a role as calcium-regulated intrinsic membrane protein.

**Subcellular Location:**

Cell membrane; Single-pass membrane protein.

**Tissue Specificity:**

Widely expressed with high level in cerebellum and skin.

**Similarity:**

Belongs to the extended synaptotagmin family.  
Contains 3 C2 domains.

**SWISS:**

A0FGR9

**Gene ID:**

83850

**Database links:**

[Entrez Gene: 83850](#)Human

[Entrez Gene: 272636](#)Mouse

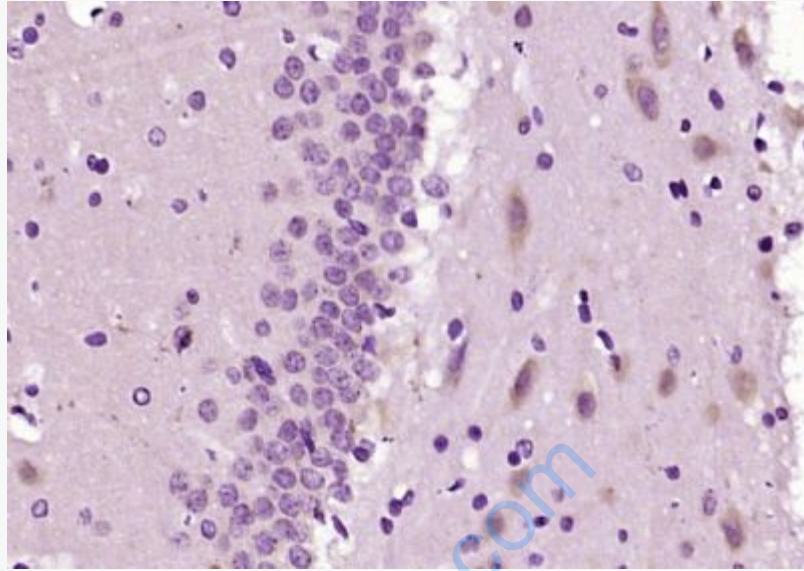
[Entrez Gene: 363120](#)Rat

[SwissProt: A0FGR9](#)Human

[SwissProt: Q5DTI8](#)Mouse

**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 (rat brain tissue); 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 (FAM62C) Polyclonal Antibody, Unconjugated (SL12165R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.