

## Rabbit Anti-FAM62C antibody

SL12165R

**Product Name** FAM62C

**Chinese Name** 延伸突触蛋白 3 抗体

**Alias** CHR3SYT; E Syt3; ESYT3; Extended synaptotagmin 3; Extended synaptotagmin-like protein 3; ESYT3\_HUMAN.

**Research Area** Tumour Neurobiology Signal transduction Apoptosis Binding protein

**Immunogen Species** Rabbit

**Clonality** Polyclonal

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

**Applications** IHC-P=1:100-500,IHC-F=1:100-500,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** 100kDa

**Cellular localization** The cell membrane

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human FAM62C: 101-200/886

**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](#)

**Product** Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably,

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## Detail

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

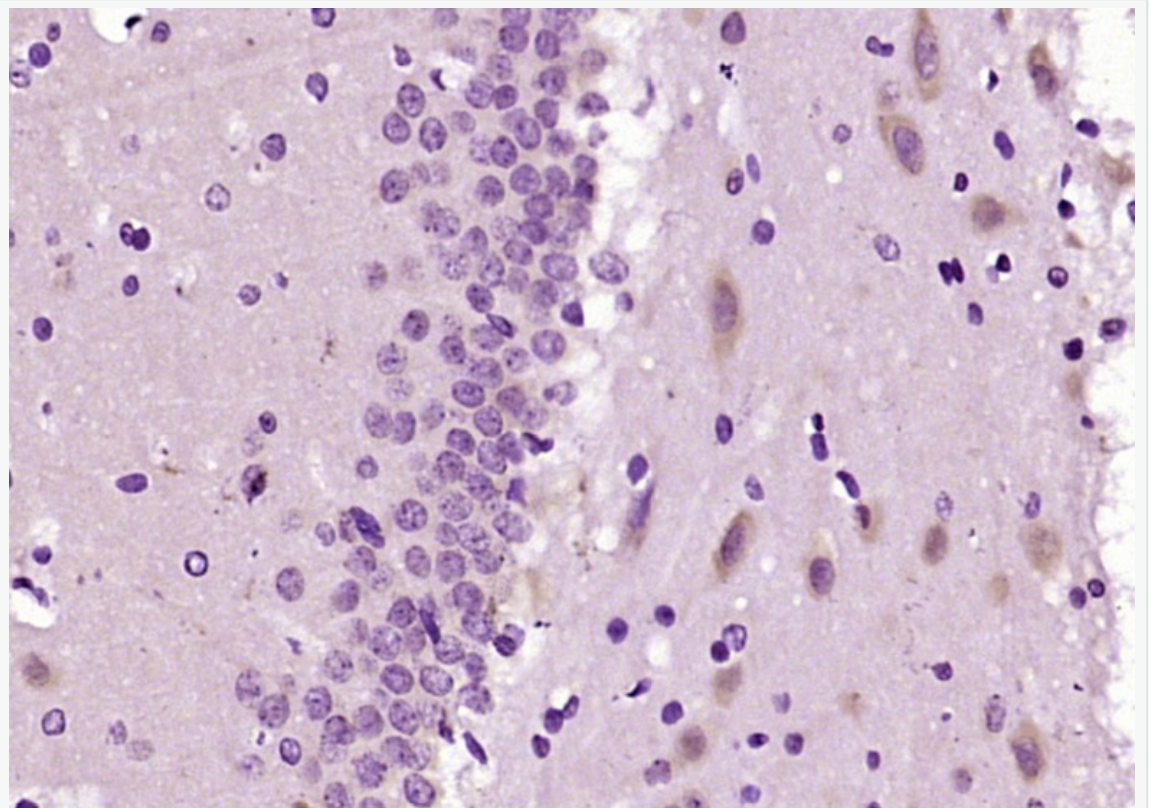
[Entrez Gene: 272636](#) Mouse

[Entrez Gene: 363120](#) Rat

[SwissProt: A0FGR9](#) Human

[SwissProt: Q5DTI8](#) Mouse

**Product  
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.