

## Rabbit Anti-Galanin antibody

SL0017R

<b>Product Name</b>	Galanin
<b>Chinese Name</b>	甘丙肽/神经节肽抗体
<b>Alias</b>	GAL 1; GAL; GAL1; Galanin precursor; GALN; GLNN; GMAP; MGC40167; GALA_HUMAN.
<b>Research Area</b>	Cardiovascular immunology Neurobiology Diabetes Endocrinopathy
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat (predicted:Human,Chicken,Dog,Pig,Cow,Horse,Sheep,GuineaPig) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	3.3/13kDa
<b>Cellular localization</b>	Secretory protein
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Galanin: 33-62/123
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product</b>	Galanin is small neuropeptide that functions as a cellular messenger within the central

**Detail**

and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]).[supplied by OMIM, Jan 2009]

**Function:**

Contracts smooth muscle of the gastrointestinal and genitourinary tract, regulates growth hormone release, modulates insulin release, and may be involved in the control of adrenal secretion.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the galanin family.

**SWISS:**

P22466

**Gene ID:**

51083

**Database links:**

[Entrez Gene: 280799](#) Cow

[Entrez Gene: 51083](#) Human

[Entrez Gene: 14419](#) Mouse

[Entrez Gene: 29141](#) Rat

[Omim: 137035](#) Human

[SwissProt: P11242](#) Cow

[SwissProt: P22466](#) Human

[SwissProt: P47212](#) Mouse

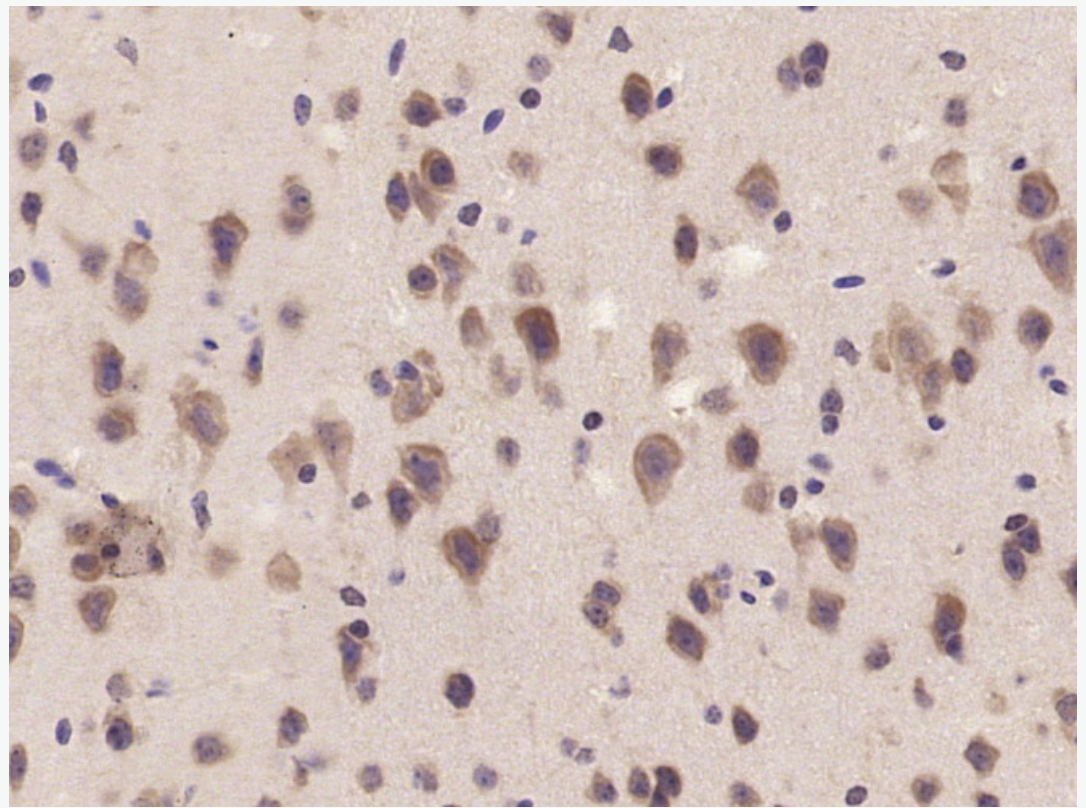
[SwissProt: P10683](#) Rat

[Unigene: 278959](#) Human

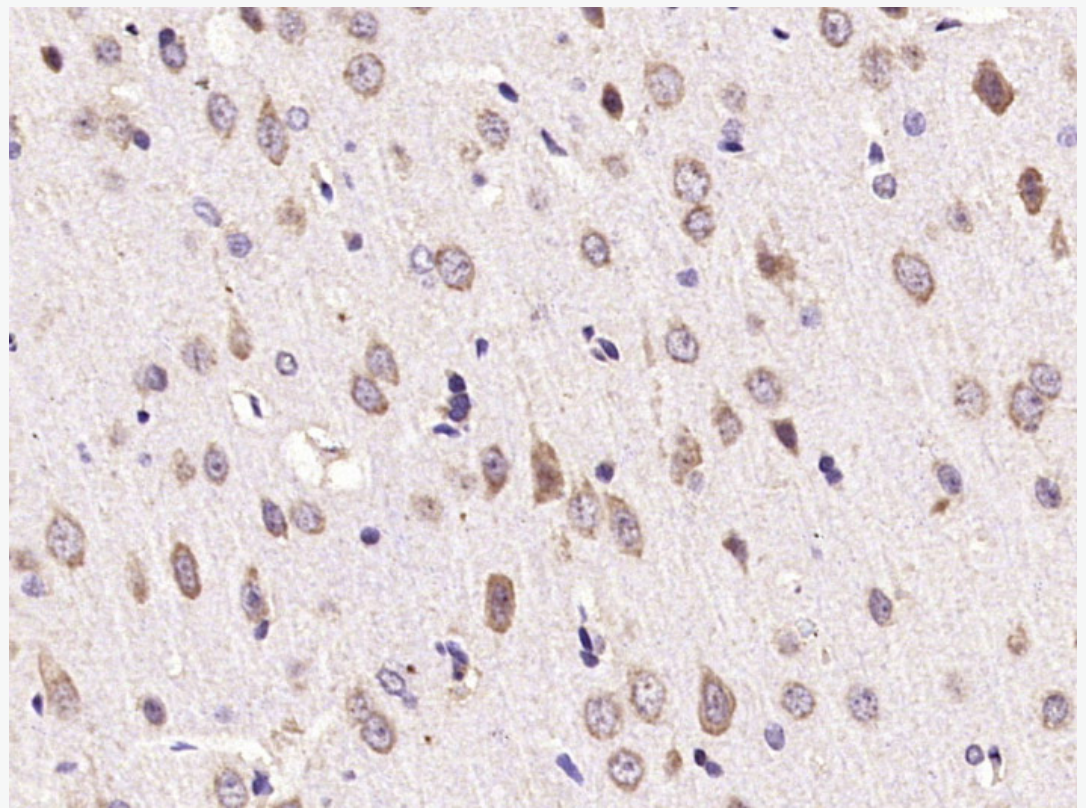
[Unigene: 4655](#) Mouse

[Unigene: 8929](#) Rat

**Product  
Picture**



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by microwave in sodium citratebuffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3%BSA) at RTfor 30min; Antibody incubation with (Galanin) Polyclonal/MonoclonalAntibody, Unconjugated (SL0017R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by microwave in sodium citratebuffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3%BSA) at RTfor 30min; Antibody incubation with (Galanin) Polyclonal/MonoclonalAntibody, Unconjugated (SL0017R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.