



Rabbit Anti-Galanin antibody

SL0017R

Product Name:	Galanin
Chinese Name:	甘丙肽/神经节肽抗体
Alias:	GAL 1; GAL; GAL1; Galanin precursor; GALN; GLNN; GMAP; MGC40167; GALA_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,Guinea Pig,
Applications:	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.
Molecular weight:	3.3/13kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Galanin:33-62/123
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:	Galanin is small neuropeptide that functions as a cellular messenger within the central 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

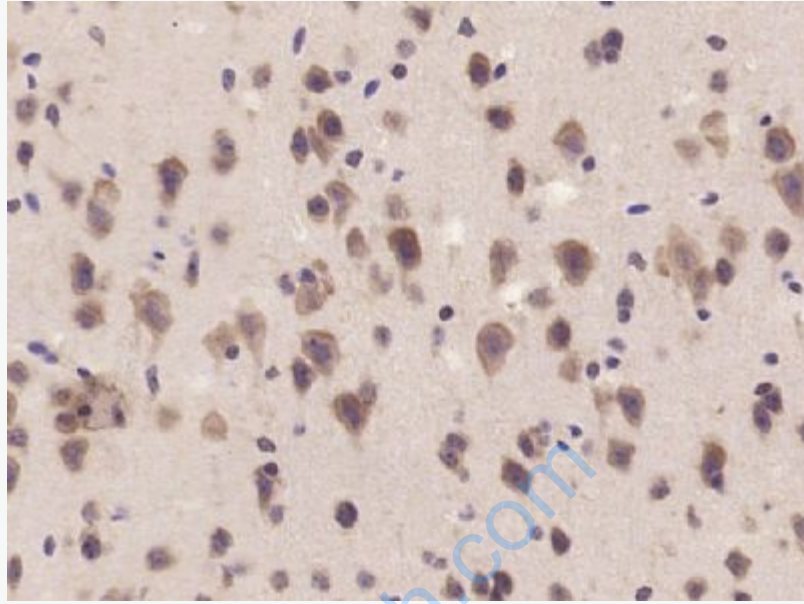
[Unigene: 278959](#)Human

[Unigene: 4655](#)Mouse

[Unigene: 8929](#)Rat

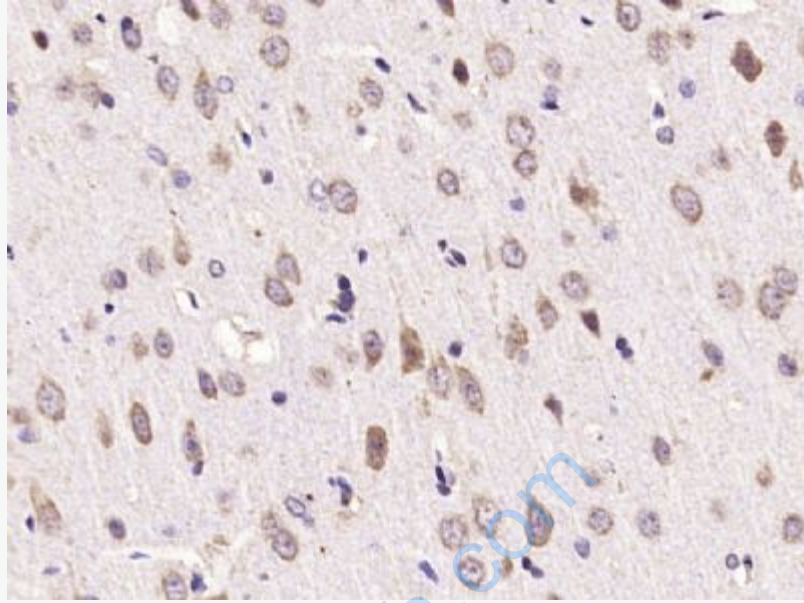
Important Note:

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 brain tissue); Antigen retrieval by microwave in sodium citrate buffer (pH 6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (Galanin) Polyclonal/Monoclonal Antibody, 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 citrate buffer (pH 6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (Galanin) Polyclonal/Monoclonal Antibody, Unconjugated (SL0017R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.