



Rabbit Anti-PCSK2/Proprotein Convertase 2 antibody

SL11533R

Product Name:	PCSK2/Proprotein Convertase 2
Chinese Name:	神经内分泌转化酶2抗体
Alias:	KEX2 like endoprotease 2; KEX2-like endoprotease 2; NEC 2; NEC2; NEC2_HUMAN; Neuroendocrine convertase 2; PC2; PCSK2; Prohormone convertase 2; Proprotein convertase 2; Proprotein convertase subtilisin/kexin type 2; SPC2.
文献引用 PubMed :	Specific References(1) SL11533R has been referenced in 1 publications. [IF=2.17] van Rijn, Sarah J., et al. "Expression and clinical relevance of paired box protein 7 and sex determining region Y-box 2 in canine corticotroph pituitary adenomas." The Veterinary Journal (2015).IHC-P;Dog. PubMed:25956343
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=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:	58kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Proprotein Convertase 2:201-300/638
Lsotype:	IgG
Purification:	affinity purified by Protein A

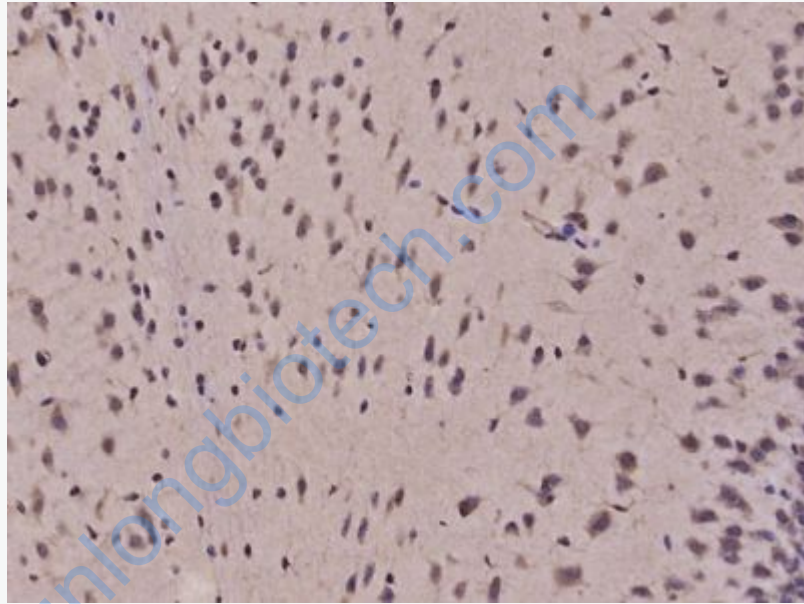
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in 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:	<p>This gene encodes a member of the subtilisin-like proprotein convertase family. These enzymes process latent precursor proteins into their biologically active products. The encoded protein plays a critical role in hormone biosynthesis by processing a variety of prohormones including proinsulin, proopiomelanocortin and proluteinizing-hormone-releasing hormone. Single nucleotide polymorphisms in this gene may increase susceptibility to myocardial infarction and type 2 diabetes. This gene may also play a role in tumor development and progression. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011].</p> <p>Function: Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues.</p> <p>Subcellular Location: Cytoplasmic vesicle, secretory vesicle. Note=Localized in the secretion granules.</p> <p>Similarity: Belongs to the peptidase S8 family. Furin subfamily.</p> <p>SWISS: P16519</p> <p>Gene ID: 5126</p> <p>Database links:</p> <p>Entrez Gene: 5126 Human</p> <p>Entrez Gene: 18549 Mouse</p> <p>Omim: 162151 Human</p> <p>SwissProt: P16519 Human</p> <p>SwissProt: P21661 Mouse</p> <p>Unigene: 315186 Human</p>

[Unigene: 294493](#) Mouse

[Unigene: 447466](#) Mouse

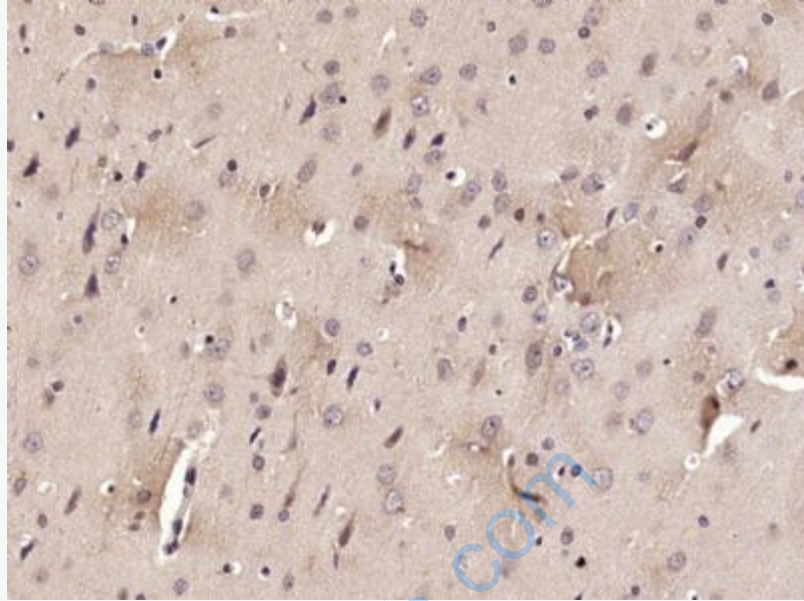
Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (PCSK2/Proprotein Convertase 2) Polyclonal Antibody, Unconjugated (SL11533R) 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); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (PCSK2/Proprotein Convertase 2) Polyclonal Antibody, Unconjugated (SL11533R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.