



## Rabbit Anti-PCSK2/Proprotein Convertase 2/FITC Conjugated antibody

SL11533R-FITC

<b>Product Name:</b>	Anti-PCSK2/Proprotein Convertase 2/FITC
<b>Chinese Name:</b>	FITC标记的神经内分泌转化酶2抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Cow,Sheep,
<b>Applications:</b>	ICC=1:50-200IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	58kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Proprotein Convertase 2 (201-300aa)
<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>Product Detail:</b>	<b>background:</b> 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].

**Function:**

Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues.

**Subcellular Location:**

Cytoplasmic vesicle, secretory vesicle. Note=Localized in the secretion granules.

**Similarity:**

Belongs to the peptidase S8 family. Furin subfamily.

**Database links:**

[Entrez Gene: 5126](#) Human

[Entrez Gene: 18549](#) Mouse

[Omim: 162151](#) Human

[SwissProt: P16519](#) Human

[SwissProt: P21661](#) Mouse

[Unigene: 315186](#) Human

[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.