

For Research Use Only

PCSK2 Polyclonal antibody, PBS Only

Catalog Number:10553-1-PBS



Basic Information

Catalog Number:

10553-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0852

GenBank Accession Number:

BC005815

GeneID (NCBI):

5126

UNIPROT ID:

P16519

Full Name:

proprotein convertase subtilisin/kexin type 2

Calculated MW:

70.5 kDa

Observed MW:

65-75 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PCSK2(Prohormone convertase 2) is also named as NEC2(neuroendocrine convertase 2), PC2 and belongs to the peptidase S8 family. It is involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. PCSK2 is responsible for the release of glucagon from proglucagon in pancreatic A cells. This protein has 3 isoforms produced by alternative splicing. PCSK2 is biosynthesized as a 74-kDa inactive precursor which is matured to a 64-kDa active enzyme by autocatalytic removal of its prodomain (PMID: 8397508, 21092739)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

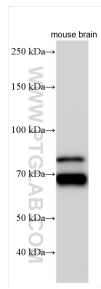
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

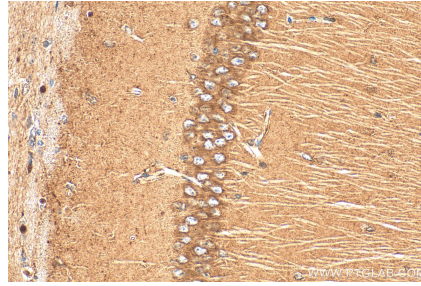
E: proteintech@ptglab.com
W: ptglab.com

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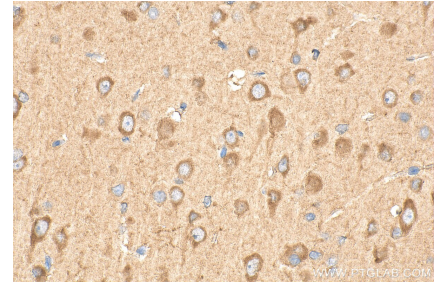
Selected Validation Data



mouse brain tissue lysates were subjected to SDS PAGE followed by western blot with 10553-1-AP (PCSK2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10553-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10553-1-AP (PCSK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10553-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 10553-1-AP (PCSK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10553-1-PBS in a different storage buffer formulation.