

For Research Use Only

PCSK2 Polyclonal antibody

Catalog Number: 10553-1-AP

6 Publications



Basic Information

Catalog Number:

10553-1-AP

Size:

400 µg/ml

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

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue,

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Kristen E Rohli	36325514	Function (Oxf)	WB
Joseph Walters	35537288	Biochem Biophys Res Commun	WB
Chikafumi Ozone	26762480	Nat Commun	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

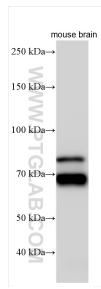
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.