

PCSK2 Polyclonal Antibody

Catalog number: 10553-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

PCSK2; KEX2 like endoprotease

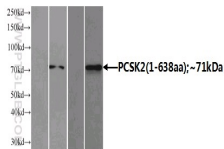
2, NEC 2, NEC2,

Neuroendocrine convertase 2,

PC2, PCSK2, Prohormone

convertase 2, Proprotein

convertase 2, SPC2



- + - + Overexpression of PCSK2-myc-his
+ + - - Rabbit Anti human PCSK2 polyclonal antibody
- - + + Mouse Anti his-tag monoclonal antibody

Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 10553-1-AP(PCSK2 Antibody) at dilution of 1:1000

Background

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated PCSK2 MW:	70.5kd
Observed PCSK2 MW:	71 kDa
Positive WB detected in	Transfected HEK-293 cells
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0852
GenBank accession number:	BC005815
Gene ID (NCBI):	5126
Full name:	Proprotein convertase subtilisin/kexin type 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.