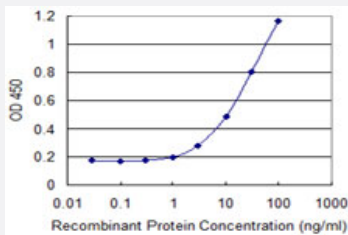


PCSK2 monoclonal antibody (M01), clone 3H4

Catalog # H00005126-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PCSK2 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PCSK2.
Immunogen	PCSK2 (NP_002585.2, 501 a.a. ~ 609 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VRYLEHVQAVITVNATRRGDLNINMTSPMGTKSILLSRRPRDDDSKVGFDKWPFMTTHTWGEDAR GTWTLELGFVGSAPQKGVLKEWTLMLHGTQSAPYIDQVVRDYQS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.73 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PCSK2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PCSK2

Entrez GeneID

[5126](#)

GeneBank Accession#

[NM_002594](#)

Protein Accession#

[NP_002585.2](#)

Gene Name

PCSK2

Gene Alias

NEC2, PC2, SPC2

Gene Description

proprotein convertase subtilisin/kexin type 2

Omim ID

[162151](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a proinsulin-processing enzyme that plays a key role in regulating insulin biosynthesis. It is also known to cleave proopiomelanocortin, proenkephalin, prodynorphin and proluteinizing-hormone-releasing hormone. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

Other Designations

KEX2-like endoprotease 2|OTTHUMP00000030330|neuroendocrine convertase 2|prohormone c
onvertase 2|subtilisin-like prohormone convertases

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)