Datasheet for ABIN453255

anti-PCSK2 antibody (N-Term)

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1 Image

Overview

Quantity:	0.4 mL
Target:	PCSK2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human PCSK2
Specificity:	This antibody reacts to NEC 2.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	PCSK2
Alternative Name:	NEC2 (PCSK2 Products)
Background:	PCSK2 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 protein is a proinsulin-processing enzyme that plays a key role in regulating insulin biosynthesis. The protein is also known to cleave proopiomelanocortin, proenkephalin, prodynorphin and proluteinizing-hormone-releasing hormone.Synonyms: KEX2-like

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Target Details

	endoprotease 2, Neuroendocrine convertase 2, PCSK2, Prohormone convertase 2, Proprotein convertase 2
Gene ID:	5126
NCBI Accession:	NP_002585
UniProt:	P16519
Pathways:	Peptide Hormone Metabolism, cAMP Metabolic Process, Maintenance of Protein Location, Negative Regulation of Transporter Activity

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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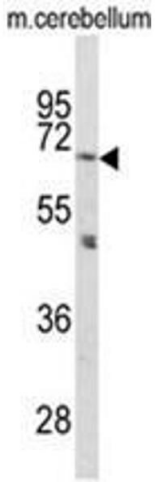

Western Blotting

Image 1. Western blot analysis of PCSK2 Antibody (N-term) in mouse cerebellum tissue lysates (35ug/lane). PCSK2 (arrow) was detected using the purified Pab.

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