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Datasheet for ABIN391908 anti-PCSK2 antibody (N-Term)

5 Images



Overview

Quantity:	400 µL
Target:	PCSK2
Binding Specificity:	AA 87-116, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This PCSK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 87-116 amino acids from the N-terminal region of human PCSK2.
Clone:	RB18543
lsotype:	Ig Fraction
Predicted Reactivity:	Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

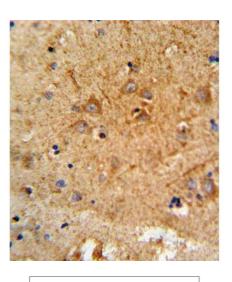
Target Details

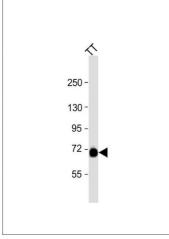
Target:	PCSK2
Alternative Name:	PCSK2 (PCSK2 Products)

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Target Details	
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.
Molecular Weight:	70565
Gene ID:	5126
NCBI Accession:	NP_001188457, NP_001188458, NP_002585
UniProt:	P16519
Pathways:	Peptide Hormone Metabolism, cAMP Metabolic Process, Maintenance of Protein Location, Negative Regulation of Transporter Activity
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with PCSK2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Anti-PCSK2 Antibody (N-term) at 1:1000 dilution + TT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 71 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Immunofluorescence

Image 3. Confocal immunofluorescent analysis of PCSK2 Antibody (N-term) (ABIN391908 and ABIN2841722) with 293 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 5 images are available for ABIN391908.

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