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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. |

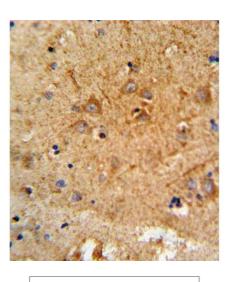
Target Details

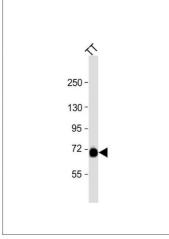
| Target: | PCSK2 |
|-------------------|------------------------|
| Alternative Name: | PCSK2 (PCSK2 Products) |

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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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