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Datasheet for ABIN3032332
anti-PCSK2 antibody (AA 87-116)

6 Images

Overview

Quantity:	0.4 mL
Target:	PCSK2
Binding Specificity:	AA 87-116
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 87-116 from the human protein was used as the immunogen for this PCSK2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat, Pig
Purification:	Purified

Target Details

Target:	PCSK2
Alternative Name:	PCSK2 (PCSK2 Products)

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.

UniProt: [P16519](#)

Pathways: [Peptide Hormone Metabolism](#), [cAMP Metabolic Process](#), [Maintenance of Protein Location](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Titration of the PCSK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

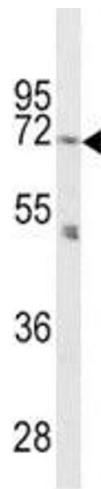
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

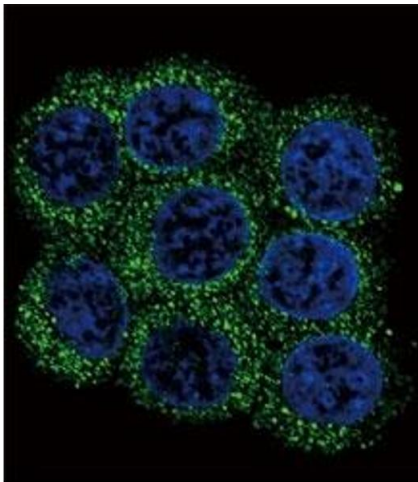
Storage: -20 °C

Storage Comment: Aliquot the PCSK2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



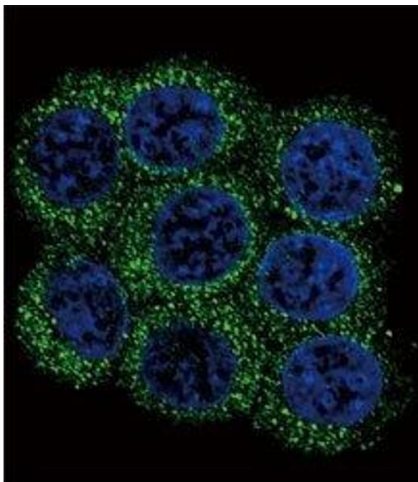
Western Blotting

Image 1. Western blot analysis of PCSK2 antibody and mouse cerebellum tissue lysate



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of PCSK2 antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of PCSK2 antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3032332.