BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PCSK9 Antibody (N-term)

Catalog Number: A00085-3

About PCSK9

PCSK9 is a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. This protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a proprotein convertase. The protein plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-PCSK9 Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-PCSK9 Antibody (N-term) (Catalog # A00085-3). Tested in Flow Cytometry, IHC-P, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8NBP7

Technical Details

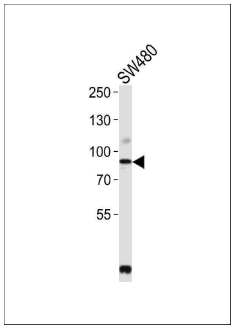
Immunogen	This PCSK9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 153-183 amino acids from the N-terminal region of human PCSK9.
Predicted Reactive Species	Bovine, Chicken, Drosophila, Hamster, Horse, Monkey, Pig, Rabbit, Sheep, Xenopus
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

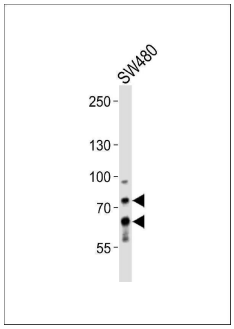
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:10-1:50 FC: 1:10-1:50

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

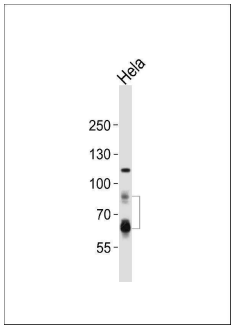
Anti-PCSK9 Antibody (N-term) (A00085-3) Images



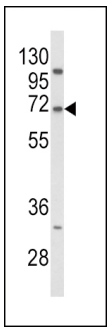
Western blot analysis of lysate from SW480 cell line, using PCSK9 Antibody (N-term). A00085-3 was diluted at 1:2000. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



Western blot analysis of lysate from SW480 cell line, using PCSK9 Antibody (N-term). A00085-3 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



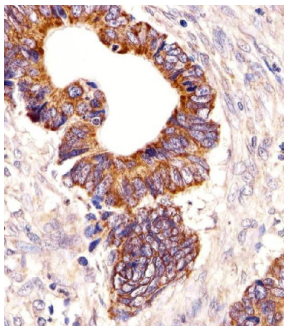
Western blot analysis of lysate from Hela cell line, using PCSK9 Antibody (N-term). A00085-3 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

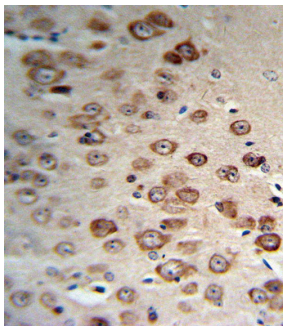


Western blot analysis of PCSK9 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). PCSK9 (arrow) was detected using the purified Pab.

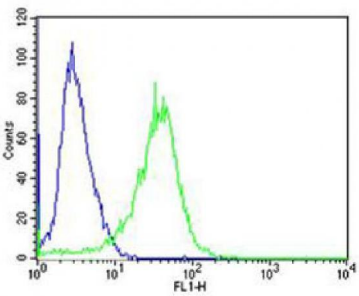
Immunohistochemical analysis of paraffin-embedded H. colorectal carcinoma section using PCSK9 Antibody (N-term). A00085-3 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com





PCSK9 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PCSK9 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow cytometric analysis of A431 cells using PCSK9 Antibody (N-term) (green, Cat#A00085-3) compared to an isotype control of rabbit IgG(blue). A00085-3 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

Anti-PCSK9 Antibody (N-term)

For Research Use Only. Not for use in diagnostic procedures.