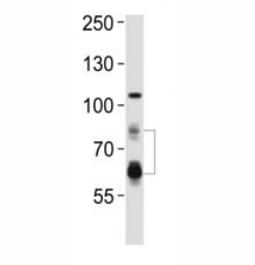
PCSK9 Antibody (F50317)

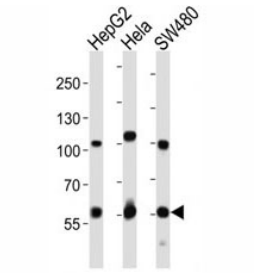
Catalog No.	Formulation	Size
F50317-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50317-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

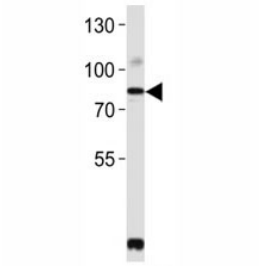
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8NBP7
Applications	Flow Cytometry: 1:25 IHC (Paraffin): 1:25 Western blot: 1:1000
Limitations	This PCSK9 antibody is available for research use only.



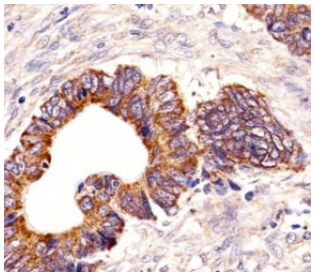
Western blot analysis of lysate from HeLa cell line using PCSK9 antibody. Predicted size: Pro/mature ~74/64 kDa



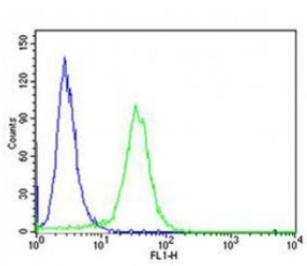
Western blot analysis of lysate from HepG2, HeLa, SW480 cell line using PCSK9 antibody. Predicted size: Pro/mature ~74/64 kDa



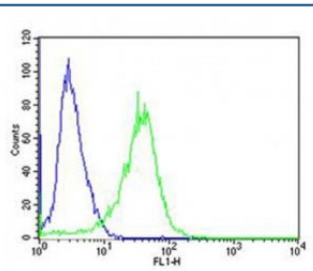
Western blot analysis of lysate from SW480 cell line using PCSK9 antibody. Predicted size: Pro/mature ~74/64 kDa



Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma section using PCSK9 antibody



Flow cytometric analysis of HeLa cells using PCSK9 antibody (green) compared to an isotype control of rabbit IgG (blue); Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG was used as the secondary Ab.



Flow cytometric analysis of A431 cells using PCSK9 antibody (green) compared to an isotype control of rabbit IgG (blue). Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG was used as the secondary Ab.

Description

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.

Explore our PCSK9 Antibody for additional research into PCSK9 expression, LDL receptor regulation, and cholesterol metabolism, with Western blot validation using HeLa wild-type and PCSK9 knockout cell lysates.

Application Notes

Titration of the PCSK9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 144-173 from the human protein was used as the immunogen for this PCSK9 antibody.

Storage

Aliquot the PCSK9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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