

Product datasheet for TA379707

PCSK9 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 600 to the C-terminus of

human Proprotein Convertase 9(PCSK9) (NP_777596.2).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 20kDa/74kDa

Gene Name: proprotein convertase subtilisin/kexin type 9

Database Link: Entrez Gene 255738 Human

Q8NBP7



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

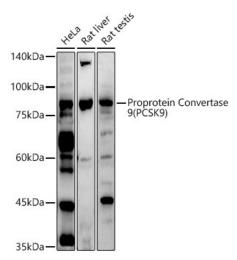


Background:

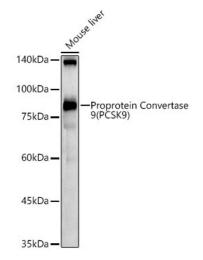
This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.

Synonyms: FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1

Product images:

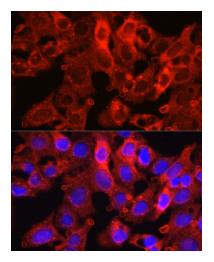


Western blot analysis of extracts of various cell lines, using Proprotein Convertase 9(PCSK9) antibody (TA379707) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 180s.

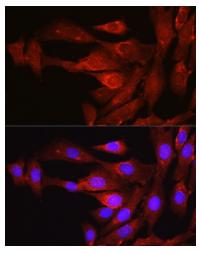


Western blot analysis of extracts of Mouse liver, using Proprotein Convertase 9(PCSK9) antibody (TA379707) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 30s.

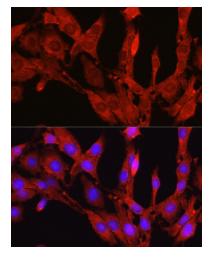




Immunofluorescence analysis of HepG2 cells using Proprotein Convertase 9(PCSK9) Rabbit pAb (TA379707) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.

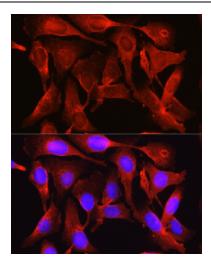


Immunofluorescence analysis of NIH/3T3 cells using Proprotein Convertase 9(PCSK9) Rabbit pAb (TA379707) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Proprotein Convertase 9(PCSK9) Rabbit pAb (TA379707) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.





Immunofluorescence analysis of U2OS cells using Proprotein Convertase 9(PCSK9) Rabbit pAb (TA379707) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.