

Anti-PCSK9 Rabbit pAb

Purified Rabbit Polyclonal Antibody

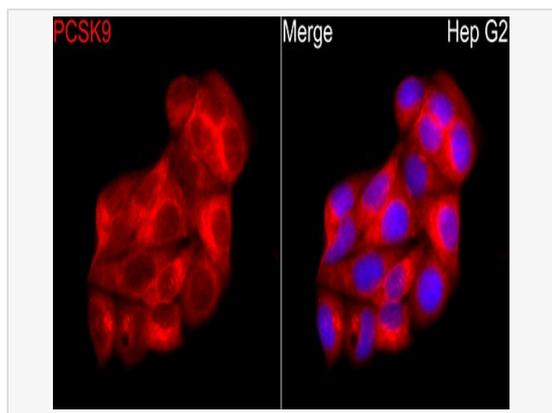
Catalog # P105160

Product Information

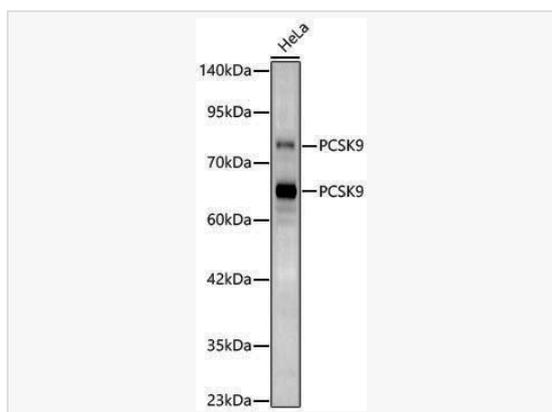
Application	WB, IF (Cell)/ICC, IP, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 31-692 of human PCSK9 (NP_777596.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PCSK9 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

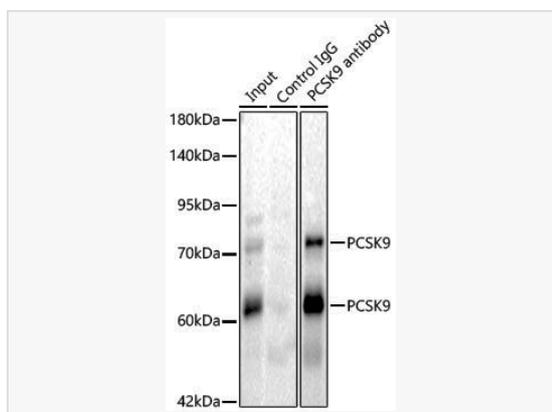
Synonyms	PCSK9; FHB; HCHOLA3; LDLCQ1; NARC-1; FHCL3; NARC1; PC9; proprotein convertase subtilisin/kexin type 9; Proprotein Convertase 9(PCSK9).
Calculated MW	Calculated MW: 20 kDa/74 kDa; Observed MW: 65 kDa/80 kDa/65 kDa,80 kDa
Uniprot ID	Q8NBP7
Gene ID	255738
Background	This gene encodes a member of 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.



Immunofluorescence analysis of HepG2 cells using PCSK9 Rabbit pAb (P105160) at dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from HeLa cells using PCSK9 Rabbit pAb (P105160) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 20s.



Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug PCSK9 Rabbit pAb antibody (P105160 1:100). Western blot was performed from the immunoprecipitate using PCSK9 Rabbit pAb antibody (P105160) at a dilution of 1:1000.