

## Anti-PCSK9 Rabbit pAb



WL03068

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-PCSK9 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
<b>Cellular localization</b>	Cell surface, Cytoplasm, Endosome, Golgi apparatus, Lysosome, Secreted.	
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	PCSK9 is the 9th member of the proprotein convertase family of proteins that activate other proteins. PCSK9 is ubiquitously expressed in many tissues and cell types. PCSK9 binds to the receptor for low-density lipoprotein particles (LDL), which typically transport 3,000 to 6,000 fat molecules (including cholesterol) per particle, within extracellular fluid. PCSK9 has medical importance because it acts in lipoprotein homeostasis. Agents which block PCSK9 can lower LDL particle concentrations. PCSK9 may also have a role in the differentiation of cortical neurons.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PCSK9.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

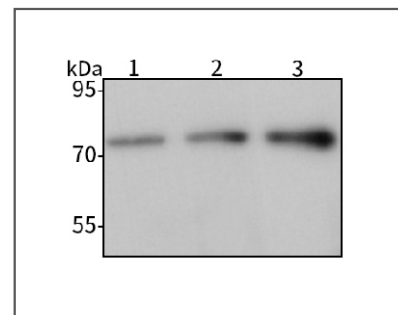
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## Product Images



## Western blot-Anti-PCSK9 pAb

Lane 1: Human CAL-27 cell lysate

Lane 2: Human Hela cell lysate

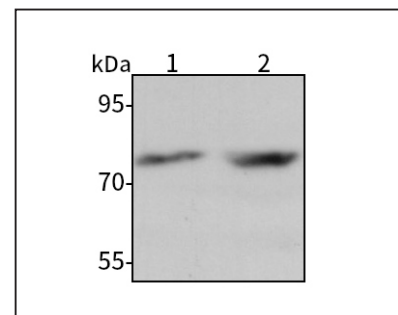
Lane 3: Human Calu-3 cell lysate

All lanes: Anti-PCSK9 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 74 kDa

Observed band size: 62/74 kDa



## Western blot-Anti-PCSK9 pAb

Lane 1: Mouse liver tissue lysate

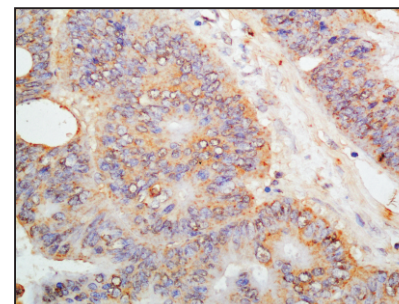
Lane 2: Rat liver tissue lysate

All lanes: Anti-PCSK9 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 74 kDa

Observed band size: 62/74 kDa



## Immunohistochemistry-Anti-PCSK9 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-PCSK9 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

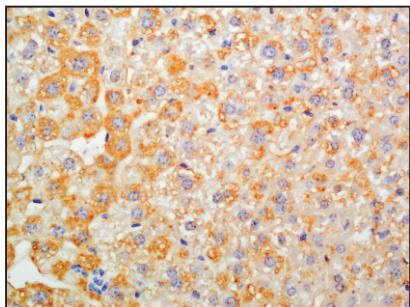
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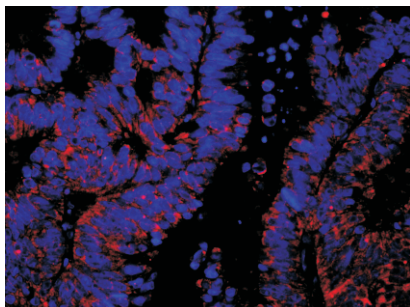
### Product Information



#### Immunohistochemistry-Anti-PCSK9 pAb

Immunohistochemical analysis of paraffin-embedded mouse liver using anti-PCSK9 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-PCSK9 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-PCSK9 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0