

## Product datasheet for **TA354615**

### PCSK9 Rabbit Polyclonal Antibody

#### Product data:

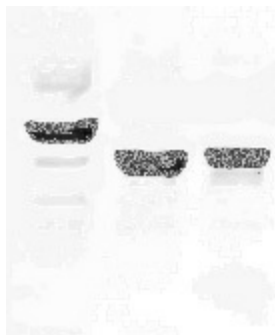
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from 100aa-300aa of Human PCSK9 protein. This sequence is identical among human, rat, mouse, gorilla, etc.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa or 64 kDa
Gene Name:	proprotein convertase subtilisin/kexin type 9
Database Link:	<a href="#">NP_777596</a> <a href="#">Entrez Gene 100102</a> <a href="#">MouseEntrez Gene 298296</a> <a href="#">RatEntrez Gene 255738</a> <a href="#">Human Q8NBP7</a>
Background:	Proprotein convertase subtilisin/kexin type 9 (PCSK9) is a member of the serine protease family with a critical role in cholesterol metabolism by controlling the levels of low density lipoprotein (LDL) particles that circulate in the bloodstream. Mutation in the PCSK9 gene is associated with autosomal dominant hypercholesterolemia which is characterized by an increase in LDL cholesterol levels. PCSK9 is expressed in various tissues such as liver, kidney, lung, spleen, etc. Human PCSK9 precursor is 692 aa protein with 74kDa molecular weight. Its mature form has molecular weight ranging of 62-66 kDa in the tissues.
Synonyms:	FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9



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Protein Families: Secreted Protein

### Product images:



WB: The whole cell lysate sderived from HT-29 (lane 1), Mouse Liver (lane 2), mouse lung (lane 3) were immunoblotted by Rabbit anti-PCSK9 at 1:500.