

Product datasheet for **TA342649**

Proprotein Convertase 2 (PCSK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PCSK2 antibody: synthetic peptide directed towards the middle region of human PCSK2. Synthetic peptide located within the following region: LASTFSNGRKRNP EAGVATTDLYGNCTLRHSGTSAAAP EAAAGVFALALEA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	proprotein convertase subtilisin/kexin type 2
Database Link:	NP_002585 Entrez Gene 5126 Human P16519
Background:	This gene encodes a member of the subtilisin-like proprotein convertase family. These enzymes process latent precursor proteins into their biologically active products. The encoded protein plays a critical role in hormone biosynthesis by processing a variety of prohormones including proinsulin, proopiomelanocortin and proluteinizing-hormone-releasing hormone. Single nucleotide polymorphisms in this gene may increase susceptibility to myocardial infarction and type 2 diabetes. This gene may also play a role in tumor development and progression. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.



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Synonyms: NEC-2; NEC 2; NEC2; PC2; SPC2

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



WB Suggested Anti-PCSK2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Hela cell lysate