

Product datasheet for TA342649

OriGene Technologies, Inc.

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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:

LASTFSNGRKRNPEAGVATTDLYGNCTLRHSGTSAAAPEAAGVFALALEA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

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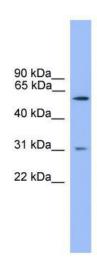
Synonyms: NEC-2; NEC 2; NEC2; PC2; SPC2

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