

Product datasheet for TA344558

PACE4 (PCSK6) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-PCSK6 antibody: synthetic peptide directed towards the N terminal

of human PCSK6. Synthetic peptide located within the following region: NYDSYASYDVNGNDYDPSPRYDASNENKHGTRCAGEVAASANNSYCIVGI

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.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 91 kDa

Gene Name: proprotein convertase subtilisin/kexin type 6

Database Link: NP 612193

Entrez Gene 5046 Human

P29122



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Background:

PCSK6 is a calcium-dependent serine endoprotease that can cleave precursor protein at their paired basic amino acid processing sites. This gene is thought to play a role in tumor progression. The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a calcium-dependent serine endoprotease that can cleave precursor protein at their paired basic amino acid processing sites. Some of its substrates are - transforming growth factor beta related proteins, proalbumin, and von Willebrand factor. This gene is thought to play a role in tumor progression. Alternatively spliced transcript variants encoding different isoforms have been identified.

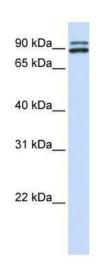
Synonyms: PACE4; SPC4

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



WB Suggested Anti-PCSK6 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human brain