

Product datasheet for **TA332044**

PC6 (PCSK5) 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-PCSK5 Antibody: synthetic peptide directed towards the middle region of human PCSK5. Synthetic peptide located within the following region: CAGAGADGCINCTEGYFMEDGRCVQSCSISYFDHSSSENGYKSKKCDIS
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:	89 kDa
Gene Name:	proprotein convertase subtilisin/kexin type 5
Database Link:	NP_006191 Entrez Gene 5125 Human Q92824



[View online »](#)

Background:

PCSK5 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. PCSK5 mediates posttranslational endoproteolytic processing for several integrin alpha subunits. It is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Two alternatively spliced transcripts are described for this gene but only one has its full length nature known. 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 mediates posttranslational endoproteolytic processing for several integrin alpha subunits. It is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Two alternatively spliced transcripts are described for this gene but only one has its full length nature known. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

PC5; PC6; PC6A; SPC6

Note:

Immunogen sequence homology: Dog: 100%; Human: 100%; Bovine: 100%; Horse: 93%; Rabbit: 93%; Mouse: 86%; Rat: 79%

Protein Families:

Druggable Genome, Protease, Secreted Protein

Product images:

WB Suggested Anti-PCSK5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: 293T cell lysate PCSK5 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells