

**PC5/PC6 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57708****Specification**

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**PC5/PC6 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, IHC-F, IF, ICC  |
| Primary Accession | <a href="#">O92824</a> |
| Reactivity        | Rat, Dog, Bovine       |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 206942                 |

**PC5/PC6 Polyclonal Antibody - Additional Information****Gene ID** 5125**Other Names**

Proprotein convertase subtilisin/kexin type 5, 3.4.21.-, Proprotein convertase 5, PC5, Proprotein convertase 6, PC6, hPC6, Subtilisin/kexin-like protease PC5, PCSK5, PC5, PC6

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PC5/PC6 Polyclonal Antibody - Protein Information****Name** PCSK5**Synonyms** PC5, PC6**Function**

Serine endoprotease that processes various proproteins by cleavage at paired basic amino acids, recognizing the RXXX[KR]R consensus motif. Likely functions in the constitutive and regulated secretory pathways. Plays an essential role in pregnancy establishment by proteolytic activation of a number of important factors such as BMP2, CALD1 and alpha-integrins.

**Cellular Location**

[Isoform PC6A]: Secreted. Note=Secreted through the regulated secretory pathway.

**Tissue Location**

Expressed in T-lymphocytes.

**PC5/PC6 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PC5/PC6 Polyclonal Antibody - Images**