

Secretogranin 5 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51808**Specification**

Secretogranin 5 Antibody - Product Information

Application	WB, E
Primary Accession	P05408
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24 KDa

Secretogranin 5 Antibody - Additional Information**Gene ID** 6447**Other Names**

Neuroendocrine protein 7B2, Pituitary polypeptide, Secretogranin V, Secretogranin-5, Secretory granule endocrine protein I, N-terminal peptide, C-terminal peptide, SCG5, SGNE1

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Secretogranin 5 Antibody - Protein Information**Name** SCG5**Synonyms** SGNE1**Function**

Acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. Binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway where it is proteolytically matured and activated. Also required for cleavage of PCSK2 but does not appear to be involved in its folding. Plays a role in regulating pituitary hormone secretion. The C-terminal peptide inhibits PCSK2 in vitro.

Cellular Location

Secreted {ECO:0000250|UniProtKB:P01165}. Note=Neuroendocrine and endocrine secretory granules {ECO:0000250|UniProtKB:P01165}

Secretogranin 5 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](#)

Secretogranin 5 Antibody - Images

Secretogranin 5 Antibody - Background

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Secretogranin 5 Antibody - References

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Paquet L.,et al.Biochem. Biophys. Res. Commun. 174:156-162(1991).
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