

Secretogranin V Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54307**Specification**

Secretogranin V Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P05408
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23730

Secretogranin V Polyclonal 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 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.

Secretogranin V Polyclonal 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

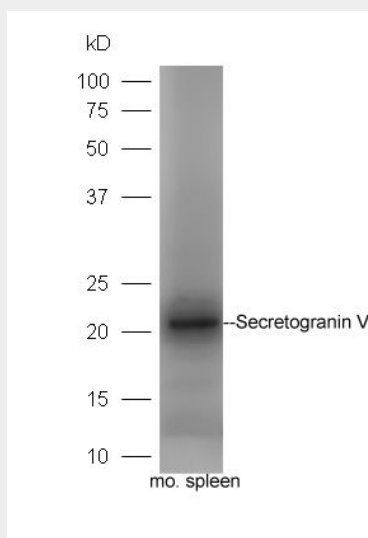
Secreted {ECO:0000250|UniProtKB:P01165}. Note=Neuroendocrine and endocrine secretory granules {ECO:0000250|UniProtKB:P01165}

Secretogranin V Polyclonal Antibody - Protocols

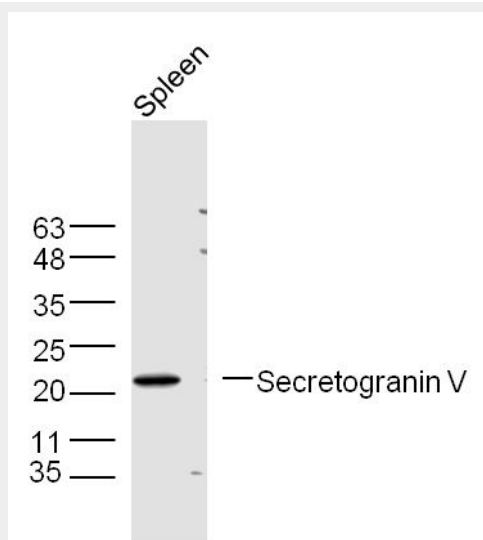
Provided below are standard protocols that you may find useful for product applications.

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

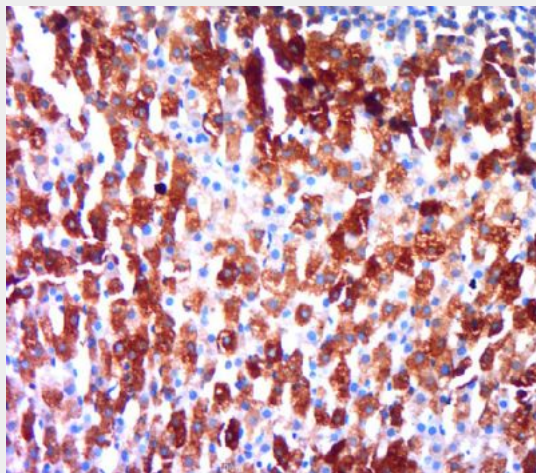
Secretogranin V Polyclonal Antibody - Images



Protein: spleen(mouse) lysate at 40ug;
Primary: rabbit Anti-Secretogranin V (bs-10762R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000;
Predicted band size:17/21 kD
Observed band size:21 kD



Sample: Spleen (Mouse) Lysate at 40 ug
Primary: Anti-Secretogranin V(bs-10762R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 17/21 kD
Observed band size: 21 kD



Paraformaldehyde-fixed, paraffin embedded (Rat adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Secretogranin V) Polyclonal Antibody, Unconjugated (bs-10762)t 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.