

[Go to Product page](#)

Datasheet for ABIN7161265 **anti-SCG5 antibody (AA 27-212)**

Overview

Quantity:	100 µL
Target:	SCG5
Binding Specificity:	AA 27-212
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCG5 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Neuroendocrine protein 7B2 protein (27-212AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SCG5
Alternative Name:	SCG5 (SCG5 Products)
Background:	Background: Acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. Binds to inactive PCSK2 in the endoplasmic

Target Details

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.

Aliases: SCG5 antibody, SGNE1Neuroendocrine protein 7B2 antibody, Pituitary polypeptide antibody, Secretogranin V antibody, Secretogranin-5 antibody, Secretory granule endocrine protein I) [Cleaved into: N-terminal peptide, C-terminal peptide] antibody

UniProt: [P05408](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.