

## Product datasheet for **TA358551**

### Secretogranin V (SCG5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 79%
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23kDa
Gene Name:	secretogranin V
Database Link:	<a href="#">NP_001138229</a> <a href="#">Entrez Gene 6447 Human P05408</a>
Background:	SCG5 acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. SCG5 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. SCG5 is also required for cleavage of PCSK2 but does not appear to be involved in its folding. SCG5 plays a role in regulating pituitary hormone secretion. The C-terminal peptide inhibits PCSK2 in vitro.



[View online »](#)

Synonyms: 7B2; P7B2; Secretogranin-5; SGNE1; SgV

Protein Families: Secreted Protein

### Product images:



WB Suggested Anti-SCG5 Antibody  
Titration: 1.0 ug/ml  
Positive Control: Jurkat Whole Cell