

Sg III Polyclonal Antibody
Catalog # AP73325**Specification**

Sg III Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8WXD2
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal

Sg III Polyclonal Antibody - Additional Information**Gene ID** 29106**Other Names**

SCG3; Secretogranin-3; Secretogranin III; SgIII

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Sg III Polyclonal Antibody - Protein Information**Name** SCG3**Function**

Member of the granin protein family that regulates the biogenesis of secretory granules (PubMed:19357184). Acts as a sorting receptor for intragranular proteins including chromogranin A/CHGA (By similarity). May also play a role in angiogenesis. Promotes endothelial proliferation, migration and tube formation through MEK/ERK signaling pathway (PubMed:29154827).

Cellular Location

Cytoplasmic vesicle, secretory vesicle {ECO:0000250|UniProtKB:P47868}. Cytoplasmic vesicle, secretory vesicle membrane {ECO:0000250|UniProtKB:P47868}; Peripheral membrane protein. Secreted. Note=Associated with the secretory granule membrane through direct binding to cholesterol-enriched lipid rafts. {ECO:0000250|UniProtKB:P47868}

Tissue Location

Detected in urine (at protein level) (PubMed:25326458). Expressed in brain, heart, kidney, liver

and skeletal muscle.

Sg III 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](#)

Sg III Polyclonal Antibody - Images



