

SGSM1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS15660**Specification**

SGSM1 Antibody (Internal) - Product Information

Application	IHC, IF, WB
Primary Accession	Q2NKG1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	130kDa KDa

SGSM1 Antibody (Internal) - Additional Information**Gene ID** 129049**Other Names**

Small G protein signaling modulator 1, RUN and TBC1 domain-containing protein 2, SGSM1, KIAA1941, RUTBC2

Target/Specificity

Human SGSM1. At least four isoforms of SGSM1 are known to exist; SGSM1 antibody will detect all four isoforms.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

SGSM1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SGSM1 Antibody (Internal) - Protein Information**Name** SGSM1**Synonyms** KIAA1941, RUTBC2**Function**

Interacts with numerous Rab family members, functioning as Rab effector for some, and as GTPase activator for others. Promotes GTP hydrolysis by RAB34 and RAB36. Probably functions as a GTPase effector with RAB9A and RAB9B; does not stimulate GTP hydrolysis with RAB9A and RAB9B.

Cellular Location

Golgi apparatus, trans-Golgi network {ECO:0000250|UniProtKB:Q8BPQ7}. Cytoplasmic vesicle membrane; Peripheral membrane protein. Cytoplasm Note=Recruited to cytoplasmic vesicle membranes via its interaction with Rab family members, such as RAB9A.

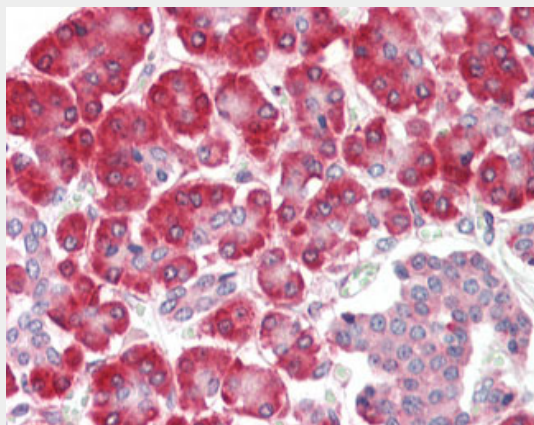
Tissue Location

Mainly expressed in brain, heart and testis.

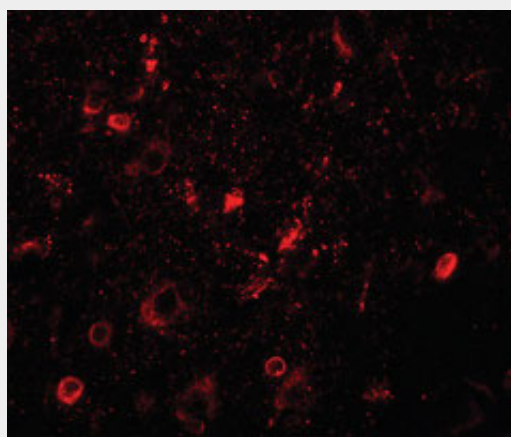
SGSM1 Antibody (Internal) - Protocols

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

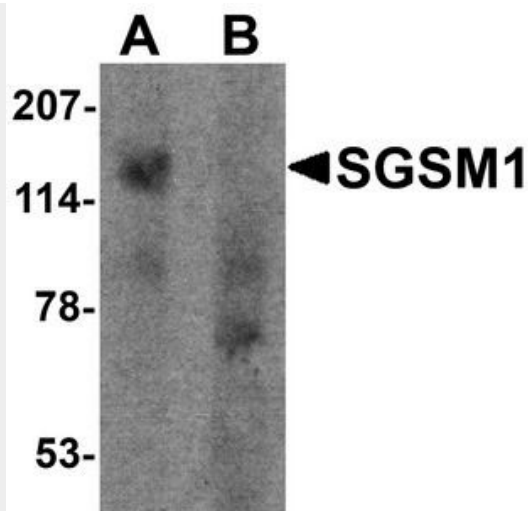
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SGSM1 Antibody (Internal) - Images

Anti-SGSM1 antibody IHC staining of human pancreas.



Immunofluorescence of SGSM1 in human brain tissue with SGSM1 antibody at 20 ug/ml.



Western blot analysis of SGS1 in human cerebellum tissue lysate with SGS1 antibody at 1 ug/ml...

SGS1 Antibody (Internal) - References

Yang H.,et al.Genomics 90:249-260(2007).
Ishibashi K.,et al.Genes Cells 14:41-52(2009).
Nagase T.,et al.DNA Res. 8:319-327(2001).
Dunham I.,et al.Nature 402:489-495(1999).