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# SGSM1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20344c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q2NKQ1 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB42725 |
| **Calculated MW** | 129718 |
| **Antigen Region** | 624-652 |

## Additional Information

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| **Gene ID** | 129049 |
| **Other Names** | Small G protein signaling modulator 1, RUN and TBC1 domain-containing protein 2, SGSM1, KIAA1941, RUTBC2 |
| **Target/Specificity** | This SGSM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 624-652 amino acids from the Central region of human SGSM1. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | SGSM1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

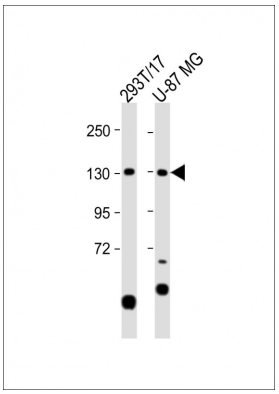
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| **Name** | SGSM1 |
| **Synonyms** | KIAA1941, RUTBC2 |
| **Function** | Interacts with numerous Rab family members, functioning as Rab effector |

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| | 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. |

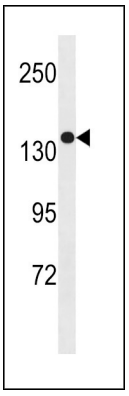
## Background

The function of this protein remains unknown.

## Images




All lanes : Anti-SGSM1 Antibody (Center) at 1:1000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 130 kDa Blocking/Dilution buffer: 5% NFDM/TBST.




SGSM1 Antibody (Center) (Cat. #AP20344c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the SGSM1 antibody detected the SGSM1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.