10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SGSM1 Rabbit mAb

Catalog # AP76077

Product Information

Application	WB, FC
Primary Accession	Q2NKQ1
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	129718

Additional Information

Gene ID	129049
Other Names	SGSM1
Dilution	WB~~1:1000-1:5000 FC~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

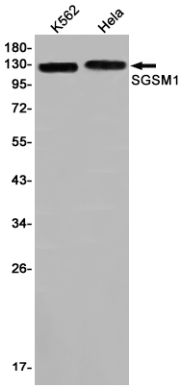
Protein Information

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.

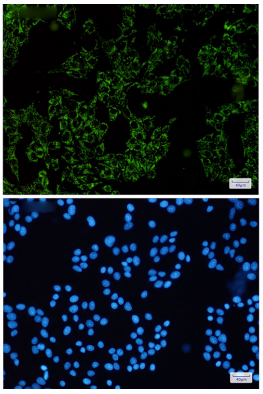
Background

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 GTPase effector with RAB9A and RAB9B; does not stimulate GTP hydrolysis with RAB9A and RAB9B.

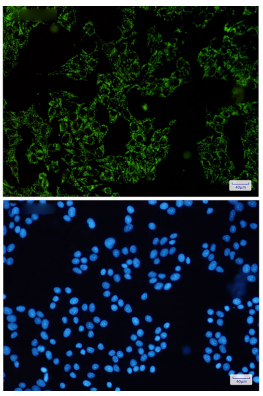
Images



Western blot analysis of SGSM1 in K562, Hela lysates using SGSM1 antibody.



Immunocytochemistry analysis of SGSM1(green) in Hela using SGSM1 antibody,and DAPI(blue)



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