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Datasheet for ABIN6243053 anti-RGS19 antibody (AA 9-39)

2 Images



Overview

Quantity:	400 µL
Target:	RGS19
Binding Specificity:	AA 9-39
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RGS19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9~39 amino acids surrounding S24 of human RGS19.
Clone:	RB11889
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

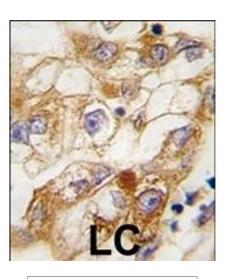
Target:	RGS19
Alternative Name:	RGS19 (RGS19 Products)
Background:	RGS19 enhances the intrinsic GTPase-activating protein activity of the Galphai3 protein, which

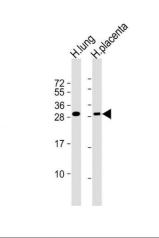
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	stimulates autophagy by favoring the GDP-bound form of Galphai3. Macroautophagy is the
	major inducible pathway for the general turnover of cytoplasmic constituents in eukaryotic
	cells, it is also responsible for the degradation of active cytoplasmic enzymes and organelles
	during nutrient starvation. Macroautophagy involves the formation of double-membrane bound
	autophagosomes which enclose the cytoplasmic constituent targeted for degradation in a
	membrane bound structure, which then fuse with the lysosome (or vacuole) releasing a single-
	membrane bound autophagic bodies which are then degraded within the lysosome (or
	vacuole).
Molecular Weight:	24636
Molecular Weight: NCBI Accession:	24636 NP_001034556, NP_005864
NCBI Accession:	NP_001034556, NP_005864

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with RGS19 Antibody (S24) (ABIN6243053 and ABIN6577359), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. All lanes : Anti-RGS19 Antibody (S24) at 1:1000 dilution Lane 1: human lung lysate Lane 2: human placenta lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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