

Datasheet for ABIN1449978  
**anti-SGSM3 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.1 mg
Target:	SGSM3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGSM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	18 amino acid synthetic peptide near the amino terminus of Human SGSM3
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	SGSM3
Alternative Name:	SGSM3 ( <a href="#">SGSM3 Products</a> )
Background:	Small G proteins such as RAP and RAB proteins are the key molecules in intracellular signal transduction and vesicle transportation. A novel protein family small G protein signaling

## Target Details

modulator (SGSM) consisting of three members SGSM1-3 bind to RAP and RAB family proteins. All three SGSM proteins possess both a RUN domain and a TBC domain. Little is known of the exact function of SGSM3. Synonyms: MAP, Merlin-associated protein, RABGAPLP, RUN and TBC1 domain-containing protein 3, RUTBC3, Rab-GTPase-activating protein-like protein, Small G protein signaling modulator 3

Molecular Weight: 82 kDa

Gene ID: 27352

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

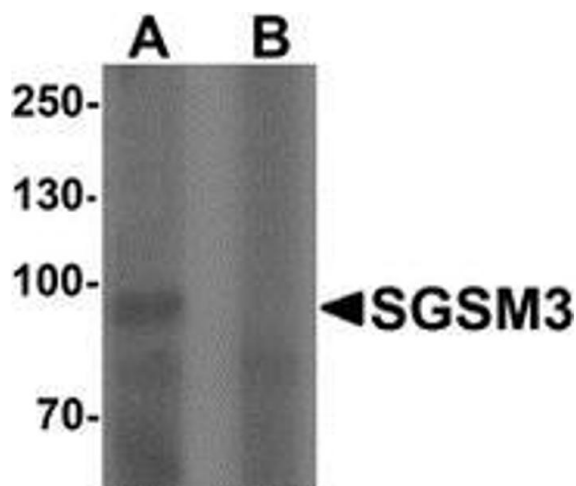
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of SGSM3 in 293 cell lysate with SGSM3 Antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.