

A19253

Leader in Biomolecular Solutions for Life Science



# SMG1 Rabbit mAb

Catalog No.: A19253

Recombinant

## Basic Information

### Observed MW

411 kDa

### Calculated MW

411 kDa

### Category

Monoclonal Antibody

### Applications

WB, ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC2417

## Background

This gene encodes a protein involved in nonsense-mediated mRNA decay (NMD) as part of the mRNA surveillance complex. The protein has kinase activity and is thought to function in NMD by phosphorylating the regulator of nonsense transcripts 1 protein. Alternatively spliced transcript variants have been described, but their full-length nature has yet to be determined.

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

23049

### Swiss Prot

Q96Q15

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ATX; LIP; 61E3.4; SMG1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

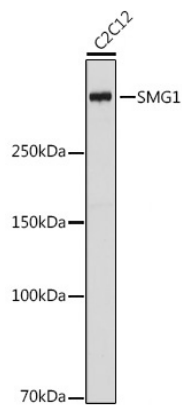
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using SMG1 Rabbit mAb (A19253) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.