

For Research Use Only

# PSME3 Polyclonal antibody

Catalog Number:30009-1-AP



## Basic Information

**Catalog Number:**

30009-1-AP

**Size:**

150ul , Concentration: 550 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG31969

**GenBank Accession Number:**

BC001423

**GeneID (NCBI):**

10197

**UNIPROT ID:**

P61289

**Full Name:**

proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki)

**Calculated MW:**

30 kDa

**Observed MW:**

30 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : Caco-2 cells,

## Background Information

PSME3 gene encodes proteasome activator complex subunit 3, which is also called REG-gamma or PA28-gamma. REG-gamma activates the trypsin-like catalytic subunit of the proteasome thus is a proteasome regulator. MDM2-TP53 interaction which promotes ubiquitination- and MDM2-dependent proteasomal degradation of TP53, may be promoted by REG-gamma resulting in inhibited apoptosis after DNA damage. REG-gamma may also be involved in cell cycle regulation.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

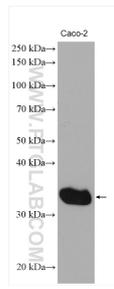
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Caco-2 cells were subjected to SDS PAGE followed by western blot with 30009-1-AP (PSME3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.