

PSME3 Polyclonal antibody

Catalog Number: 30009-1-AP

Basic Information

Catalog Number:

30009-1-AP

Size:

550 µg/ml

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:

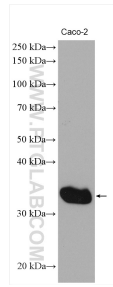
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.