

For Research Use Only

PSME3 Polyclonal antibody

Catalog Number: 30009-1-AP



Basic Information

Catalog Number: 30009-1-AP	GenBank Accession Number: BC001423	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 10197	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki)	
Isotype: IgG	Calculated MW: 30 kDa	
Immunogen Catalog Number: AG31969	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Caco-2 cells,
Species Specificity: Human	

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

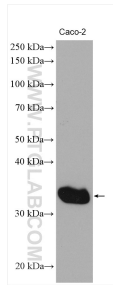
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 W: ptglab.com

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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.