

For Research Use Only

PSMG4 Polyclonal antibody

Catalog Number: 31201-1-AP



Basic Information

Catalog Number:

31201-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35222

GenBank Accession Number:

NM_001128591.1

GeneID (NCBI):

389362

UNIPROT ID:

Q5J554

Full Name:

proteasome (prosome, macropain)
assembly chaperone 4

Calculated MW:

14 kDa

Observed MW:

13 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:8000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, MCF-7 cells, MDA-MB-231 cells, SK-BR-3 cells

IF/ICC : A431 cells,

Background Information

PSMG4 (Proteasome assembly chaperone 4), also known as C6orf86. It is expected to be located in the nucleus and cytoplasm, which interacts with PSMG3 and associates with alpha subunits of the 20S proteasome. The molecular weight of PSMG4 is 13 kDa.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

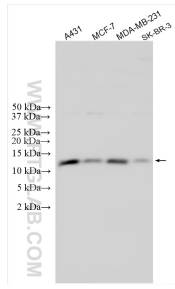
T: 4006900926

E: Proteintech-CN@ptglab.com

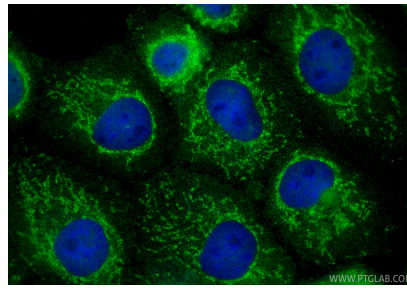
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31201-1-AP (PSMG4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using PSMG4 antibody (31201-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).