

For Research Use Only

# PSMG3 Polyclonal antibody

Catalog Number: 15601-1-AP



## Basic Information

Catalog Number:

15601-1-AP

Size:

260 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7984

GenBank Accession Number:

BC004308

GeneID (NCBI):

84262

UNIPROT ID:

Q9BT73

Full Name:

proteasome (prosome, macropain)  
assembly chaperone 3

Calculated MW:

13 kDa

Observed MW:

13-18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:800-1:3200

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells

IHC : human stomach cancer tissue, human liver cancer  
tissue

## Background Information

PSMG3, also named as C7orf48 and PAC3, is a chaperone protein which promotes assembly of the 20S proteasome. It may cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes.

## 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

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

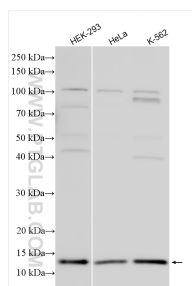
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

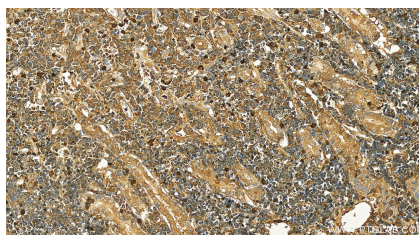
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15601-1-AP (PSMG3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 15601-1-AP (PSMG3 antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).