

For Research Use Only

PSMG3 Polyclonal antibody

Catalog Number: 15601-1-AP



Basic Information

Catalog Number:

15601-1-AP

Size:

150ul, Concentration: 260 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

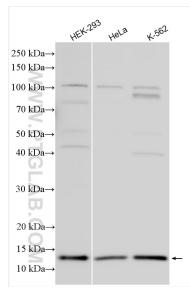
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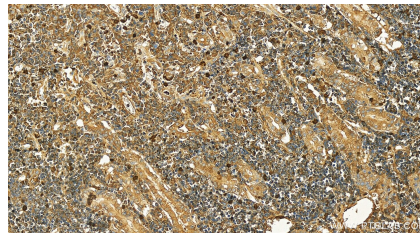
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Selected Validation Data



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).