

For Research Use Only

# SMG5 Polyclonal antibody

Catalog Number: 12694-1-AP

3 Publications



## Basic Information

Catalog Number:

12694-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3424

GenBank Accession Number:

BC038296

GeneID (NCBI):

23381

UNIPROT ID:

Q9UPR3

Full Name:

Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans)

Calculated MW:

1016 aa, 114 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

Tested Applications:

IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

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:

IHC : mouse heart tissue,

IF/ICC : MCF-7 cells, Jurkat cells

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Lauren E Cowen	31511540	Sci Rep	WB
Lauren E Cowen	29235495	Sci Rep	WB
Kathleen Ho	33820915	Sci Rep	WB

## 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:

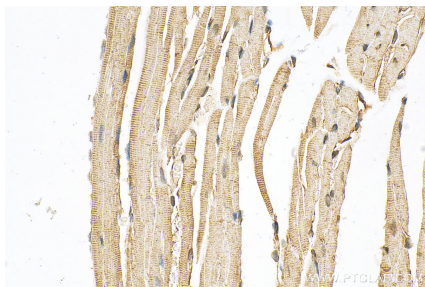
T: 4006900926

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

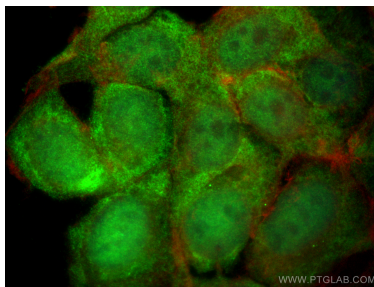
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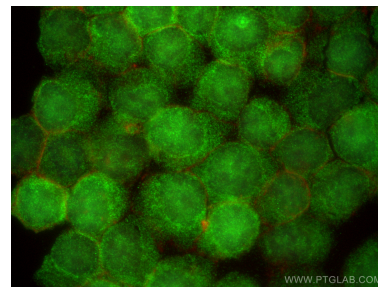
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 12694-1-AP (SMG5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using SMG5 antibody (12694-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using SMG5 antibody (12694-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).