

For Research Use Only

SMG5 Polyclonal antibody

Catalog Number: 12694-1-AP **3 Publications**



Basic Information

Catalog Number: 12694-1-AP	GenBank Accession Number: BC038296	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 150 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23381	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9UPR3	
Isotype: IgG	Full Name: Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans)	
Immunogen Catalog Number: AG3424	Calculated MW: 1016 aa, 114 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : mouse heart tissue, IF/ICC : MCF-7 cells, Jurkat cells
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	

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

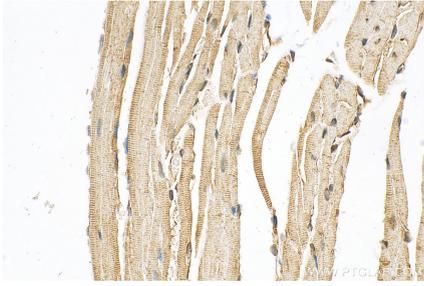
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

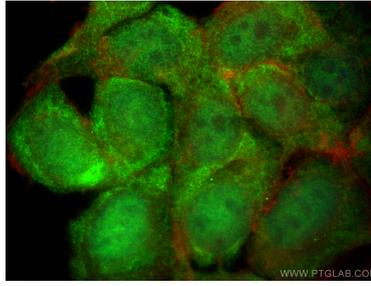
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

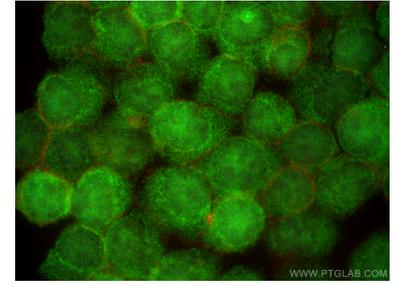
Selected Validation Data



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).