

For Research Use Only

SMMHC Polyclonal antibody

Catalog Number: 18569-1-AP

9 Publications



Basic Information

Catalog Number:

18569-1-AP

Size:

150ul, Concentration: 160 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13391

GenBank Accession Number:

BC101677

GeneID (NCBI):

4629

UNIPROT ID:

P35749

Full Name:

myosin, heavy chain 11, smooth muscle

Calculated MW:

1938 aa, 224 kDa

Observed MW:

227 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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: mouse colon tissue, mouse bladder tissue, mouse uterus tissue, rat uterus tissue

IHC: human normal colon,

Notable Publications

Author	Pubmed ID	Journal	Application
Juhua Dan	25796412	Ultrasound Med Biol	WB
Daorong Pan	35905868	Cell Signal	IHC
Yichen Wu	35903325	Front Pharmacol	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

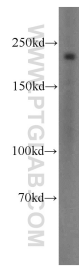
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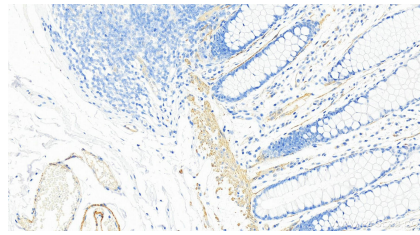
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 18569-1-AP (SMMHC antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 18569-1-AP (SMMHC antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).