

For Research Use Only

MARCH5 Polyclonal antibody, PBS Only

Catalog Number: 12213-1-PBS

Featured Product



Basic Information

Catalog Number:

12213-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2806

GenBank Accession Number:

BC015480

GeneID (NCBI):

54708

UNIPROT ID:

Q9NX47

Full Name:

membrane-associated ring finger (C3HC4) 5

Calculated MW:

278 aa, 31 kDa

Observed MW:

31 kDa, 65-70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

MARCH5(E3 ubiquitin-protein ligase MARCH5) is a 31 kDa protein also named as RNF153. This protein plays a protective role against mitochondrial dysfunction caused by the mitochondrial accumulation of mSOD1 via the ubiquitin-proteasome pathway (PMID:19741096). And it may regulate MAP1B LC1 function in mitochondria by controlling mitochondrial aggregation via mitochondrial LC1 levels (PMID:22308378). MEARCH5 can exist as a homodimer with MW 65-70 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

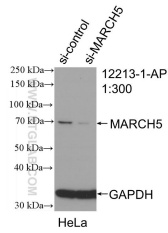
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

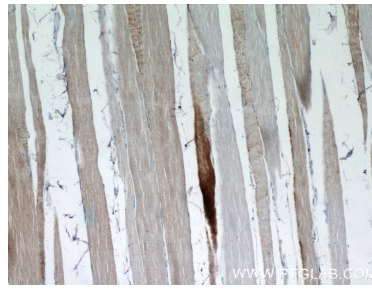
E: proteintech@ptglab.com
W: ptglab.com

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

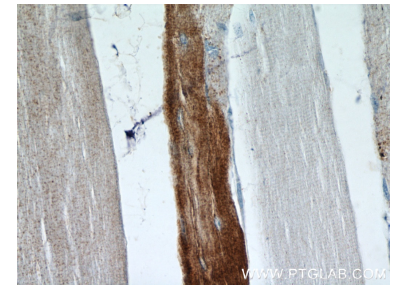
Selected Validation Data



WB result of MARCH5 antibody (12213-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-MARCH5 transfected HeLa cells. This data was developed using the same antibody clone with 12213-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 12213-1-AP (MARCH5 Antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 12213-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 12213-1-AP (MARCH5 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 12213-1-PBS in a different storage buffer formulation.