

For Research Use Only

MARCH5 Polyclonal antibody, PBS Only

Catalog Number: 12213-1-PBS

Featured Product



Basic Information

Catalog Number:

12213-1-PBS

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). MARCH5 can exist as a homodimer with MW 65-70 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

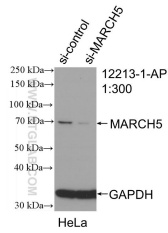
T: 4006900926

E: Proteintech-CN@ptglab.com

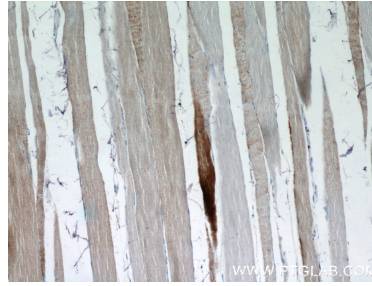
W: ptgcn.com

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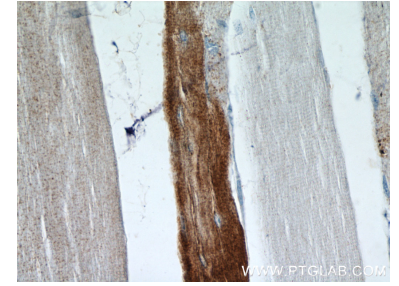
Selected Validation Data



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.