

For Research Use Only

MARCH5 Polyclonal antibody

Catalog Number: 12213-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

12213-1-AP

Size:

450 µg/ml

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

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

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:

WB : HeLa cells, U-937 cells

IHC : human skeletal muscle tissue,

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Lei Miao	33931964	Clin Transl Med	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:

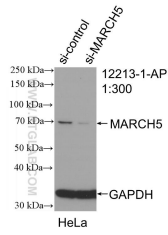
T: 4006900926

E: Proteintech-CN@ptglab.com

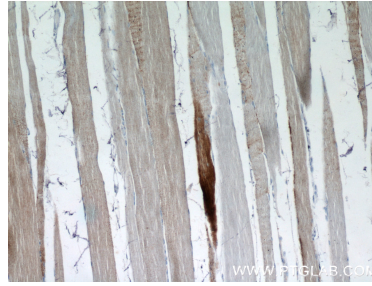
W: ptgcn.com

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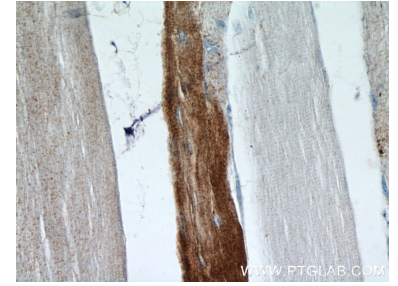
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 12213-1-AP (MARCH5 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 12213-1-AP (MARCH5 Antibody) at dilution of 1:50 (under 40x lens).