For Research Use Only

MARCH5 Polyclonal antibody

Catalog Number: 12213-1-AP

Featured Product

1 Publications



Purification Method:

WB 1:200-1:1000 IHC 1:20-1:200

Positive Controls:

WB: HeLa cells, U-937 cells

IHC: human skeletal muscle tissue,

Antigen affinity purification

Recommended Dilutions:

Basic Information

Catalog Number: GenBank Accession Number: 12213-1-AP BC015480 GeneID (NCBI): Size: 450 µg/ml 54708 **UNIPROT ID:** Source: Rabbit Q9NX47

membrane-associated ring finger

31 kDa, 65-70 kDa

Full Name:

(C3HC4) 5

AG2806 Calculated MW: 278 aa, 31 kDa Observed MW:

Applications

Tested Applications: IHC, WB, ELISA

Immunogen Catalog Number:

Cited Applications:

Isotype:

Species Specificity:

human **Cited Species:**

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate

buffer pH 6.0

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 exsit as a homodimer with MW 65-70 kDa.

Notable Publications

Author **Pubmed ID** Journal Application Lei Miao 33931964 Clin Transl Med WB

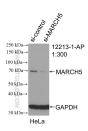
Storage

Store at -20°C. Stable for one year after shipment.

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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



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