

For Research Use Only

MARCH5 Recombinant monoclonal antibody

Catalog Number: 87790-1-RR



Basic Information

Catalog Number: 87790-1-RR	GenBank Accession Number: BC015480	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 54708	CloneNo.: 253335F11
Isotype: IgG	UNIPROT ID: Q9NX47	Recommended Dilutions: WB: 1:5000-1:50000 IF-P: 1:200-1:800
Immunogen Catalog Number: AG2806	Full Name: membrane-associated ring finger (C3HC4) 5 Calculated MW: 278 aa, 31 kDa Observed MW: 27-31 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : U-937 cells, HuH-7 cells, mouse liver tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue, human skeletal muscle tissue
	IF-P : mouse brain 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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

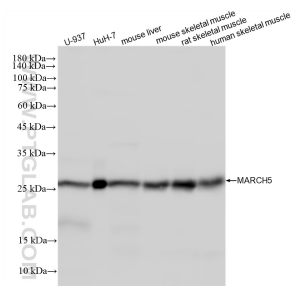
T: 4006900926

E: Proteintech-CN@ptglab.com

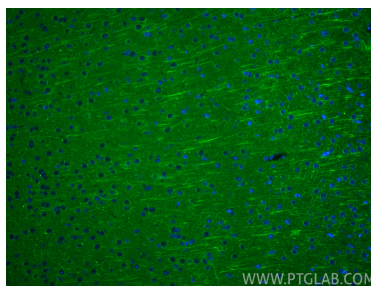
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87790-1-RR (MARCH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using MARCH5 antibody (87790-1-RR, Clone: 253335F11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).