



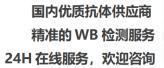
## MARCH5 Polyclonal Antibody

Catalog No         BYab-02672           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         IF;WB;ELISA           Gene Name         44990           Protein Name         E3 ubiquitin-protein ligase MARCH5           Immunogen         The antiserum was produced against synthesized peptide derived from human MARCH5. AA range:21-70           Specificity         MARCH5 Polyclonal Antibody detects endogenous levels of 40607 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000 Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         MARCH5; RNF153; E3 ubiquitin-protein ligase MARCH5; Membrane-associated RING finger protein 5; Membrane-associated RING-CH protein V; MARCH-V; Mitochondrial ubiquitin ligase; MITOL; RING finger protein 153           Observed Band         37kD           Cell Pathway         Mitochondrion outer membrane; Multi-pass membrane protein. Authors show that the reticulum me		
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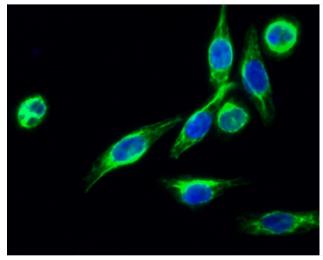


Background  MARCH5 is a ubiquitin ligase of the mitochondrial outer membrane that plays a role in the control of mitochondrial morphology by regulating mitofusin-2 (MFN2; MIM 608507) and DRP1 (DNM1L; MIM 603850) (Nakamura et al., 2006 [PubMed 16936636]).[supplied by OMIM, Mar 2008],  MarcH5 is a ubiquitin ligase of the mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that plays a role in the control of mitochondrial outer membrane that p		substrates.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-CH-type zinc finger.,subunit:Interacts with MTFN2 and ubiquitinated forms of DRP1.,
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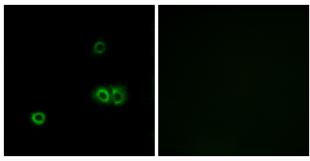




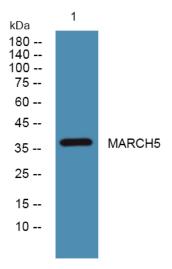
## **Products Images**



Immunofluorescence analysis of Hela cell. 1,MARCH5 Polyclonal Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog:RS3211 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.



Immunofluorescence analysis of A549 cells, using MARCH5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night

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