

## Summary

<b>Production Name</b>	MARCH5 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	45356.0 MARCH5; RNF153; E3 ubiquitin-protein ligase MARCH5; Membrane-associated RING
<b>Alternative Names</b>	finger protein 5; Membrane-associated RING-CH protein V; MARCH-V; Mitochondrial ubiquitin ligase; MITOL; RING finger protein 153
<b>Gene ID</b>	54708.0
<b>SwissProt ID</b>	Q9NX47.The antiserum was produced against synthesized peptide derived from human MARCH5. AA range:21-70

## Application

<b>Dilution Ratio</b>	IF 1:200-1:1000. ELISA: 1:40000.
<b>Molecular Weight</b>	37kD

**Product Name: MARCH5 Rabbit Polyclonal Antibody**  
**Catalog #: APRab13639**

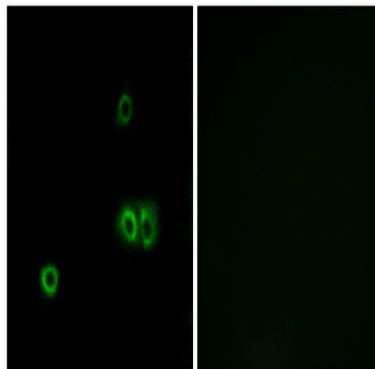


## Background

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], domain: The RING-CH-type zinc finger domain is required for E3 ligase activity., function: Mitochondrial E3 ubiquitin-protein ligase that plays a crucial role in the control of mitochondrial morphology. Promotes ubiquitination of DRP1. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates., pathway: Protein modification; protein ubiquitination., similarity: Contains 1 RING-CH-type zinc finger., subunit: Interacts with MTFN2 and ubiquitinated forms of DRP1.,

## Research Area

## Image Data



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

## Note

For research use only.