

## Anti-MARCH5 antibody

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<b>Description</b>	Rabbit polyclonal to MARCH5.
<b>Model</b>	STJ94011
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IF
<b>Immunogen</b>	Synthesized peptide derived from human 40607
<b>Immunogen Region</b>	40-120 aa, Internal
<b>Gene ID</b>	<a href="#">54708</a>
<b>Gene Symbol</b>	<a href="#">38412</a>
<b>Dilution range</b>	IF 1:200-1:1000ELISA 1:40000
<b>Specificity</b>	MARCH5 Polyclonal Antibody detects endogenous levels of 40607 protein.
<b>Tissue Specificity</b>	Expressed in brain, heart, liver, lung, spleen, stomach, testis, skeletal and muscle.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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 RING-type E3 ubiquitin transf

<b>Molecular Weight</b>	31.232 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ebi.ac.uk/ENSP/entry/HGNC:26025OMIM:610637">HGNC:26025OMIM:610637</a>
<b>Alternative Names</b>	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 RING-type E3 ubiquitin transf
<b>Function</b>	Mitochondrial E3 ubiquitin-protein ligase that plays a crucial role in the control of mitochondrial morphology by acting as a positive regulator of mitochondrial fission. May play a role in the prevention of cell senescence acting as a regulator of mitochondrial quality control. Promotes ubiquitination of FIS1, DNMI1 and MFN1.
<b>Sequence and Domain Family</b>	The RING-CH-type zinc finger domain is required for E3 ligase activity.
<b>Cellular Localization</b>	Mitochondrion outer membrane Endoplasmic reticulum membrane. Authors show that the protein can be detected in endoplasmic reticulum . Authors show its presence only in mitochondria .
<b>Post-translational Modifications</b>	Autoubiquitinated leading to degradation (short half-life).