

# MARCH2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12194

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9P0N8</a>
<b>Other Accession</b>	<a href="#">NM_001005415</a> , <a href="#">NP_001005415</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	26995

## Additional Information

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<b>Gene ID</b>	51257
<b>Alias Symbol</b>	HSPC240, MARCH-II, RNF172
<b>Other Names</b>	E3 ubiquitin-protein ligase MARCH2, 6.3.2.-, Membrane-associated RING finger protein 2, Membrane-associated RING-CH protein II, MARCH-II, RING finger protein 172, MARCH2, RNF172
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-MARCH2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	MARCH2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	MARCHF2 ( <a href="#">HGNC:28038</a> )
<b>Synonyms</b>	MARCH2, RNF172
<b>Function</b>	E3 ubiquitin-protein ligase that may mediate ubiquitination of TFRC and CD86, and promote their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. 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 (PubMed: <a href="#">14722266</a> , PubMed: <a href="#">16428329</a> ). Together with GOPC/CAL mediates the ubiquitination and lysosomal degradation of CFTR (PubMed: <a href="#">23818989</a> ). Ubiquitinates and

therefore mediates the degradation of DLG1 (PubMed:[17980554](#)). Regulates the intracellular trafficking and secretion of alpha1-antitrypsin/SERPINA1 and HP/haptoglobin via ubiquitination and degradation of the cargo receptor ERGIC3 (PubMed:[31142615](#)). Negatively regulates the antiviral and antibacterial immune response by repression of the NF-kB and type 1 IFN signaling pathways, via MARCHF2-mediated K48-linked polyubiquitination of IKBKG/NEMO, resulting in its proteasomal degradation (PubMed:[32935379](#)). May be involved in endosomal trafficking through interaction with STX6 (PubMed:[15689499](#)).

## Cellular Location

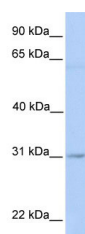
Endoplasmic reticulum membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q5I0I2}. Lysosome membrane; Multi-pass membrane protein. Endosome membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q5I0I2}. Golgi apparatus membrane; Multi-pass membrane protein. Cytoplasm. Cell membrane; Multi-pass membrane protein

## Tissue Location

Broadly expressed..

## Images

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WB Suggested Anti-MARCH2 Antibody Titration: 0.2-1  
µg/ml  
Positive Control: Jurkat cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.