10320 Camino Santa Fe, Suite G
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MARCH2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12194

Specification

MARCH2 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9P0N8
Other Accession	NM_001005415, NP_001005415
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**27kDa KDa**

MARCH2 antibody - middle region - Additional Information

Gene ID 51257

Alias Symbol	**HSPC240, MARCH-II, RNF172**

Other Names
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

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
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.

Precautions
MARCH2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

MARCH2 antibody - middle region - Protein Information

Name MARCHF2 (HGNC:28038)

Synonyms MARCH2, RNF172

Function
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:14722266, PubMed:<a

href="http://www.uniprot.org/citations/16428329" target="_blank">16428329). Together with GOPC/CAL mediates the ubiquitination and lysosomal degradation of CFTR (PubMed:23818989). 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

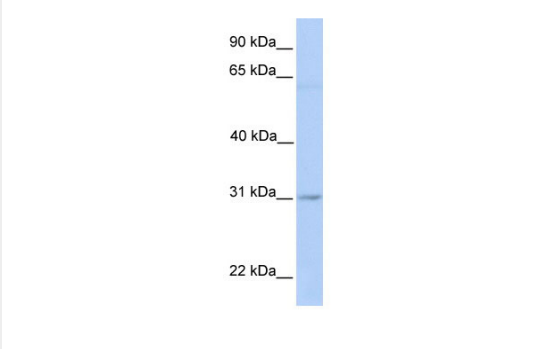
Tissue Location
Broadly expressed..

MARCH2 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MARCH2 antibody - middle region - Images



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

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