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MARCH-IV Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2695a

Specification

MARCH-IV Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9P2E8
Other Accession	NP_065865.1, 57574
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**45528**

MARCH-IV Antibody (internal region) - Additional Information

Gene ID 57574

Other Names
E3 ubiquitin-protein ligase MARCH4, 6.3.2.-, Membrane-associated RING finger protein 4, Membrane-associated RING-CH protein IV, MARCH-IV, RING finger protein 174, MARCH4, KIAA1399, RNF174

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MARCH-IV Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MARCH-IV Antibody (internal region) - Protein Information

Name MARCHF4 (HGNC:29269)

Function
E3 ubiquitin-protein ligase that may mediate ubiquitination of MHC-I and CD4, 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.

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein

Tissue Location
Expressed in brain and placenta.

MARCH-IV Antibody (internal 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

MARCH-IV Antibody (internal region) - Images

MARCH-IV Antibody (internal region) - References

Downregulation of major histocompatibility complex class I by human ubiquitin ligases related to viral immune evasion proteins. Bartee E, Mansouri M, Hovey Nerenberg BT, Gouveia K, Fruh K. J Virol. 2004 Feb;78(3):1109-20. PMID: 14722266