

MARCH4 Rabbit pAb

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Catalog # AP59228

Product Information

Application	WB
Primary Accession	Q9P2E8
Reactivity	Human
Predicted	Mouse, Rat, Chicken, Dog, Pig, Horse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45528
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MARCH4
Epitope Specificity	261-360/410
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus membrane; Multipass membrane protein.
SIMILARITY	Contains 1 RING-CH-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MARCH4, an E3 ubiquitin protein ligase, may mediate ubiquitination of MHC I and CD4, and promote their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. E3 ubiquitin protein ligases accept ubiquitin from an E2 ubiquitin conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.

Additional Information

Gene ID	57574
Other Names	E3 ubiquitin-protein ligase MARCHF4, 2.3.2.27, Membrane-associated RING finger protein 4, Membrane-associated RING-CH protein IV, MARCH-IV, RING finger protein 174, RING-type E3 ubiquitin transferase MARCHF4, MARCHF4 (HGNC:29269)
Target/Specificity	Expressed in brain and placenta.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

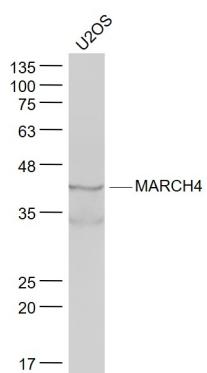
Protein Information

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.

Background

MARCH4, an E3 ubiquitin protein ligase, may mediate ubiquitination of MHC I and CD4, and promote their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. E3 ubiquitin protein ligases accept ubiquitin from an E2 ubiquitin conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.

Images



Sample:
U2OS(Human) Cell Lysate at 30 ug
Primary: Anti- MARCH4 (AP59228) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kD
Observed band size: 43 kD

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