

MARCH11 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13811b

Product Information

Application WB, E **Primary Accession** A6NNE9

Other Accession <u>A6P320</u>, <u>Q8CBH7</u>, <u>NP_001096032.1</u>

Reactivity Human **Predicted** Mouse, Rat Host Rabbit Clonality Polyclonal Isotype Rabbit IgG RB31539 **Clone Names Calculated MW** 43878 308-337 **Antigen Region**

Additional Information

Gene ID 441061

Other Names E3 ubiquitin-protein ligase MARCH11, 632-, Membrane-associated RING finger

protein 11, Membrane-associated RING-CH protein XI, MARCH-XI, MARCH11

Target/Specificity This MARCH11 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 308-337 amino acids from the

C-terminal region of human MARCH11.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions MARCH11 Antibody (C-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name MARCHF11 (HGNC:33609)

Synonyms MARCH11

Function E3 ubiquitin-protein ligase that mediates polyubiquitination of CD4. 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. May play a role in ubuquitin-dependent protein sorting in

developmenting spermatids.

Cellular Location Cytoplasmic vesicle membrane {ECO:0000250 | UniProtKB:A6P320}; Multi-pass

membrane protein {ECO:0000250 | UniProtKB:A6P320}

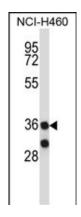
Background

MARCH11 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). These enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their intracellular transport. March11 appears to have a role in ubiquitin-mediated protein sorting in the trans-Golgi network (TGN)-multivesicular body (MVB) transport pathway (Morokuma et al., 2007 [PubMed 17604280]).

References

Rose, J. Phd, et al. Mol. Med. (2010) In press: Morokuma, Y., et al. J. Biol. Chem. 282(34):24806-24815(2007)

Images



MARCH11 Antibody (C-term) (Cat. #AP13811b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the 40613 antibody detected the 40613 protein (arrow).

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