

MARH3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17902b

Product Information

Application	WB, E
Primary Accession	Q86UD3
Other Accession	Q5XIE5 , NP_848545.1
Reactivity	Human
Predicted	Rat, Mouse, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28709
Calculated MW	28504
Antigen Region	224-251

Additional Information

Gene ID	115123
Other Names	E3 ubiquitin-protein ligase MARCH3, 632-, Membrane-associated RING finger protein 3, Membrane-associated RING-CH protein III, MARCH-III, RING finger protein 173, MARCH3, RNF173
Target/Specificity	This MARH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-251 amino acids from the C-terminal region of human MARH3.
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	MARH3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MARCHF3 (HGNC:28728)
Synonyms	MARCH3, RNF173

Function	E3 ubiquitin-protein ligase which may be involved in endosomal trafficking. 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	Cytoplasmic vesicle membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein

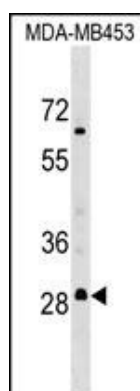
Background

MARCH3 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH proteins add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH3 appears to function in the endosomal recycling pathway (Fukuda et al., 2006 [PubMed 16428329]).

References

Fukuda, H., et al. J. Biochem. 139(1):137-145(2006)
Bartee, E., et al. J. Virol. 78(3):1109-1120(2004)

Images



MARH3 Antibody (C-term) (Cat. #AP17902b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the MARH3 antibody detected the MARH3 protein (arrow).

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