10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MARCH1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18484

Product Information

Application	WB, IHC-P
Primary Accession	Q8TCQ1
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32308
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	55016
Alias Symbol	MARCH1
Other Names	MARCH1, MARCH-I, RING finger protein 171, RNF171
Target/Specificity	Recognizes endogenous levels of 42064 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MARCH1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MARCHF1 (HGNC:26077)
Synonyms	MARCH1, RNF171
Function	E3 ubiquitin-protein ligase that mediates ubiquitination of TFRC, CD86, FAS and MHC class II proteins, such as HLA-DR alpha and beta, and promotes their subsequent endocytosis and sorting to lysosomes via multivesicular bodies (PubMed:18389477, PubMed:18305173, PubMed:21220452, PubMed:35045264). By constitutively ubiquitinating MHC class II proteins in immature dendritic cells, down-regulates their cell surface localization thus sequestering them in the intracellular endosomal system. Also regulates insulin sensitivity by controlling surface expression of the insulin receptor subunit beta/INSR by direct ubiquitination and degradation (PubMed:27577745).
Cellular Location	Golgi apparatus, trans-Golgi network membrane {ECO:0000250|UniProtKB:Q6NZQ8}; Multi-pass membrane protein. Lysosome

	membrane; Multi- pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Late endosome membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in antigen presenting cells, APCs, located in lymph nodes and spleen. Also expressed in lung. Expression is high in follicular B-cells, moderate in dendritic cells and low in splenic T-cells.

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