

Rabbit MARCH1 Polyclonal Antibody | anti-MARCH1 antibody

MARCH1 Antibody

CATALOG # AAA327971	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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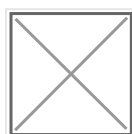
PRODUCT SYNONYMS

MARCH1; Polyclonal Antibody; MARCH1 Antibody; DKFZp564M1682; E3 ubiquitin protein ligase MARCH1; E3 ubiquitin-protein ligase MARCH1; FLJ20668; MARCH 1; MARCH-I; March1; MARH1_HUMAN; Membrane associated RING CH protein I; Membrane associated ring finger (C3HC4) 1; E3 ubiquitin protein ligase; Membrane associated RING finger protein 1; Membrane-associated RING finger protein 1; Membrane-associated RING-CH protein I; RING finger protein 171; RNF171; anti-MARCH1 antibody

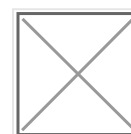
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MARCH1 antibody detects endogenous levels of total 42430
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	289
Applicable Applications for anti-MARCH1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human MARCH1
Subcellular Location	Lysosome; Endosome; Golgi Apparatus; Plasma Membrane
Tissue Specificity	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.
Predicted Cross Reactivity	Rabbit, Chicken
Similarity	Rabbit (100%), Chicken (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of MARCH1 using LOVO whole cell lysates


WB (Western Blot)

Western blot analysis of extracts from rat muscle, mouse brain, using MARCH1 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MARCH1 antibody	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. 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. Post-translational Modifications: Has a short half-life. Instability/short half-life permits rapid changes that allow efficient induction of antigen presentation once antigen presenting cells, APCs, receive maturation signals. Small changes in protein levels significantly alter the cell surface display of MHC class II proteins (By similarity). Similarity: The RING-CH-type zinc finger domain is required for E3 ligase activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261823980
NCBI GeneID	55016
NCBI Accession #	NP_001159845.1
NCBI GenBank Nucleotide #	NM_001166373.1
UniProt Accession #	Q8TCQ1; Q9NWR0; D3DP29
Molecular Weight	Observed: 32 kDa Predicted: 33 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase MARCH1 isoform 1
NCBI Official Synonym Full Names	membrane associated ring-CH-type finger 1
NCBI Official Symbol	MARCH1
NCBI Official Synonym Symbols	RNF171; MARCH-I
NCBI Protein Information	E3 ubiquitin-protein ligase MARCH1
UniProt Protein Name	E3 ubiquitin-protein ligase MARCH1
UniProt Gene Name	MARCH1
UniProt Synonym Gene Names	RNF171; MARCH-I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.