Anti-MARCH9(membrane-associated RING-CH protein IX) Polyclonal Antibody

Cat. #: 60B264

Description:
MARCH9(membrane-associated RING-CH protein IX) belongs to MARCH family, which contains at least seven membrane-associated RING-CH (MARCH) proteins. All MARCH proteins are ubiquitin ligases and located to subcellular membranes, and several MARCH proteins reduce surface levels of known substrates of the viral K3 family. Two closely related proteins, MARCH-IV and MARCH-IX, reduce surface expression of MHC-I molecules. In the presence of MARCH-IV or MARCH-IX, MHC-I are ubiquitinated and rapidly internalized by endocytosis. The functional similarity of the MARCH family and the K3 family of viral immune evasion proteins suggests that the viral immune evasion proteins were derived from MARCH proteins, a novel family of transmembrane ubiquitin ligases that seems to target glycoproteins for lysosomal destruction via ubiquitination of the cytoplasmic tail.

Immunogen/Specificity:
Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human MARCH9(membrane-associated RING-CH protein IX)

References
Bartee,E., et al, J. Virol. 78 (3), 1109-1120 (2004)

Clone Number:
Isotype:
Species: human, mouse
Storage and Stability: at -20oC

Storage buffer:
This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:
Purified by antigen-specific affinity chromatography.

Applications :
ELISA
Western Blotting (1µg/ml for 2hrs)

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