

**DATASHEET**

**MARCH8 Rabbit Polyclonal Antibody**

CAT. NO. APA14984

**KEY FEATURES**

Target	MARCH8	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

**BACKGROUND**

E3 ubiquitin-protein ligase that plays several important roles in innate immunity and adaptive immunity . Mediates ubiquitination of CD86 and MHC class II proteins, such as HLA-DR alpha and beta, and promotes their subsequent endocytosis and sorting to lysosomes via multivesicular bodies . Possesses a very broad antiviral activity by specifically inactivating different viral fusion proteins . Targets and ubiquitinates cytoplasmic lysine residues of viral envelope glycoproteins with single transmembrane domains leading to their lysosomal degradation . Therefore, shows broad-spectrum inhibition against many viruses including retroviruses, rhabdoviruses, arenaviruses, sarbecoviruses or influenzaviruses .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

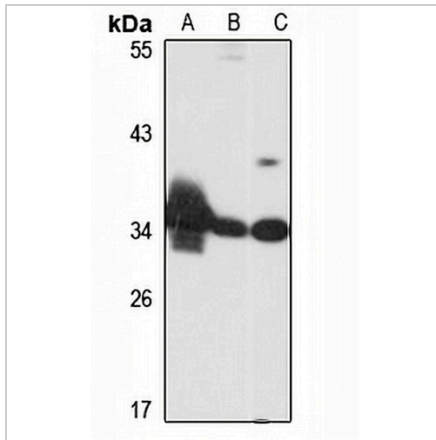
Description	Rabbit polyclonal antibody to MARCH8
Specificity	Recognizes endogenous levels of MARCH8 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MARCH8. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32; Observed: 33 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	MIR; RNF178; E3 ubiquitin-protein ligase MARCH8; Cellular modulator of immune recognition; c-MIR; Membrane-associated RING finger protein 8; Membrane-associated RING-CH protein VIII; MARCH-VIII; RING finger protein 178
Gene Symbol	MARCH8
Entrez Gene	220972(Human); 71779(Mouse)
SwissProt	Q5T0T0(Human); Q9DBD2(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of MARCH8 expression in U87MG (A), mouse testis (B), rat liver (C) whole cell lysates. (Predicted band size: 32; 63 kD; Observed band size: 33 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.