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[Primary Antibody]

Recombinant Rabbit Anti-ATP1A3 Monoclonal Antibody

Catalog Number: SLA2119M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	3D11
GeneID:	478
SWISS:	P13637
Target:	ATP1A3
Immunogen:	A synthesized peptide derived from human ATP1A3
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Flow-Cyt (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	112 kDa
Background:	This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.