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FXYD7 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55101

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P58549
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8524

Additional Information

Gene ID	53822
Other Names	FXYD domain-containing ion transport regulator 7, FXYD7
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FXYD7
Function	Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane (PubMed:33231612). Reduces the apparent affinity for external K(+), an effect that depends on the presence of external Na(+) and voltage (PubMed:33231612). Increases the apparent affinity for intracellular Na(+) (PubMed:33231612).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:P59648}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P59648} Note=Able to translocate to the plasma membrane independent of its association with NKA (in vitro). {ECO:0000250|UniProtKB:P59649}

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