

**FXYD7 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55101**

**Specification**

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**FXYD7 Polyclonal Antibody - Product Information**

Application	<b>WB, IHC-P, IHC-F, IF, ICC, E</b>
Primary Accession	<a href="#">P58549</a>
Reactivity	<b>Rat, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>8524</b>

**FXYD7 Polyclonal Antibody - Additional Information**

**Gene ID** 53822

**Other Names**

FXYD domain-containing ion transport regulator 7, FXYD7

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**FXYD7 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/33231612" target="\_blank">33231612</a>). Reduces the apparent affinity for external K(+), an effect that depends on the presence of external Na(+) and voltage (PubMed:<a href="http://www.uniprot.org/citations/33231612" target="\_blank">33231612</a>). Increases the apparent affinity for intracellular Na(+) (PubMed:<a href="http://www.uniprot.org/citations/33231612" target="\_blank">33231612</a>).

**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}

## **FXVD7 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **FXVD7 Polyclonal Antibody - Images**