

## Product datasheet for **TA319936**

### FXYD7 Rabbit Polyclonal Antibody

#### Product data:

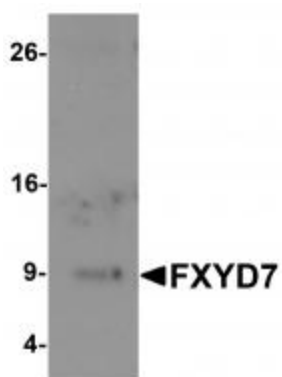
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	FXYD7 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human FXYD7.
Formulation:	FXYD7 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	FXYD7 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	FXYD domain containing ion transport regulator 7
Database Link:	<a href="#">AAH18619</a> <a href="#">Entrez Gene 53822 Human P58549</a>
Background:	FXYD7 Antibody: FXYD7 is a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD and containing seven invariant and six highly conserved amino acids. The FXYD proteins are tissue-specific regulators of Na, K-ATPase, with FXYD7 initially identified as a brain-specific member. FXYD7 interacts with Na, K-ATPase through its transmembrane domain and is thought to influence the affinity of Na, K-ATPase for external K <sup>+</sup> and Na <sup>+</sup> ions. Other members of the FXDY family have similar functions: FXYD2 regulates the properties of Na, K-ATPase, while FXYD1 (phospholemman), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIC) have been shown to induce channel activity in experimental expression systems.



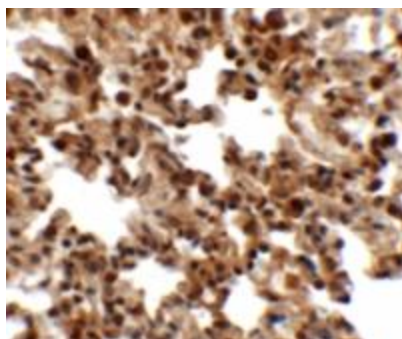
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Synonyms: FLJ25096

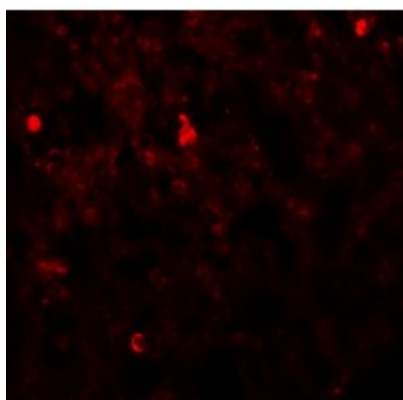
### Product images:



Western blot analysis of FXYD7 in human lung tissue lysate with FXYD7 antibody at 1 ug/mL.



Immunohistochemistry of FXYD7 in rat lung tissue with FXYD7 antibody at 2.5 ug/mL.



Immunofluorescence of FXYD4 in rat lung tissue with FXYD4 antibody at 20 ug/mL.