

Rabbit FXYD7 Polyclonal Antibody | anti-FXYD7 antibody

FXYD7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40092	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

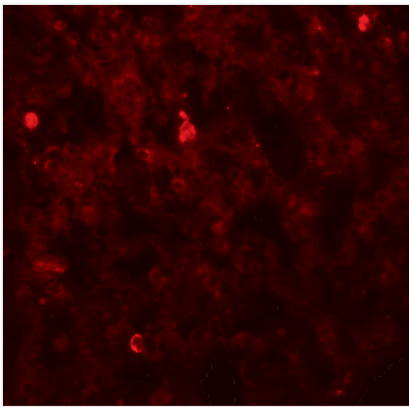
PRODUCT SYNONYMS

FXYD7; Polyclonal Antibody; FXYD7 Antibody; FXYD domain-containing ion transport regulator 7; FXYD domain containing ion transport regulator 7; anti-FXYD7 antibody

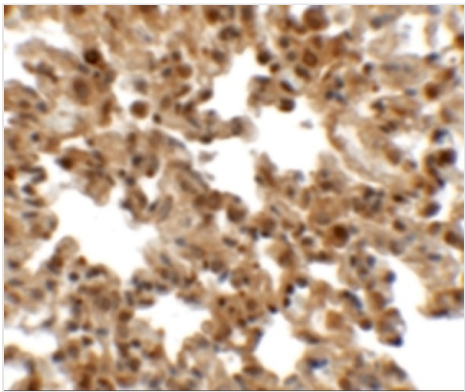
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FXYD7 antibody is human, mouse and rat reactive. FXYD7 antibody is predicted to not react with other members of the FXYD protein family
Purity/Purification	FXYD7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	80
Applicable Applications for anti-FXYD7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FXYD7 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human FXYD7.
Buffer	FXYD7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FXYD7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

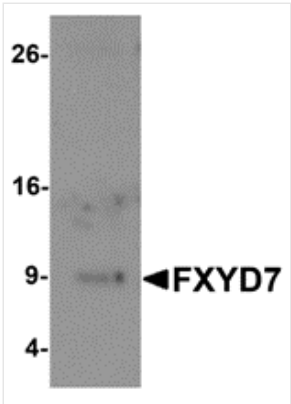
IMAGES



IF (Immunofluorescence)
Immunofluorescence of FXYD4 in rat lung tissue with FXYD4 antibody at 20 µg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of FXYD7 in rat lung tissue with FXYD7 antibody at 2.5 µg/mL.



WB (Western Blot)
Western blot analysis of FXYD7 in human lung tissue lysate with FXYD7 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-FXYD7 antibody	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 PFXYP 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 ⁺ and Na ⁺ ions. Other members of the FXYD 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	11612659
NCBI GeneID	53822
NCBI Accession #	AAH18619
NCBI GenBank Nucleotide #	NM_022006.1
UniProt Accession #	P58549
Molecular Weight	8,524 Da
NCBI Official Full Name	FXYD domain-containing ion transport regulator 7
NCBI Official Synonym Full Names	FXYD domain containing ion transport regulator 7

NCBI Official Symbol	FXYP7
NCBI Protein Information	FXYP domain-containing ion transport regulator 7
UniProt Protein Name	FXYP domain-containing ion transport regulator 7
UniProt Gene Name	FXYP7
UniProt Entry Name	FXYP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/fxyd7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40092>