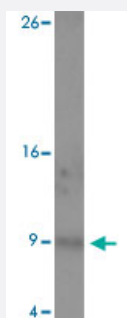


FXYD7 polyclonal antibody

Catalog # PAB25720

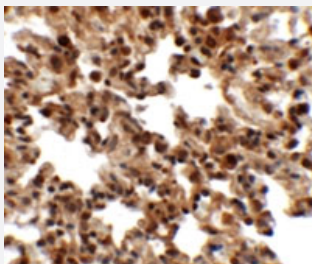
Size 100 ug

Applications



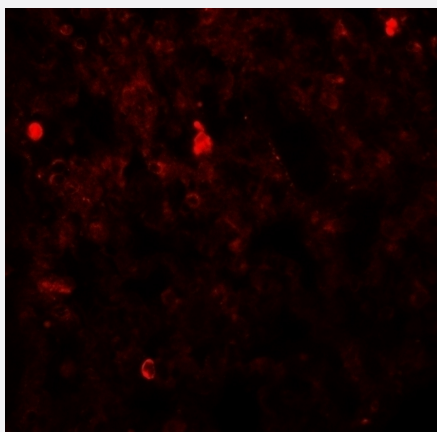
Western Blot (Tissue lysate)

Western blot analysis of FXYD7 in human lung tissue with FXYD7 polyclonal antibody (Cat # PAB25720) at 1 ug/mL.



Immunohistochemistry

Immunohistochemical analysis of FXYD7 in rat lung tissue with FXYD7 polyclonal antibody (Cat # PAB25720) at 2.5 ug/mL.



Immunofluorescence

Immunofluorescence analysis of FXYD7 in rat lung tissue with FXYD7 polyclonal antibody (Cat # PAB25720) at 20 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FXYD7.
Immunogen	A synthetic peptide corresponding to 17 amino acids at N-terminus of human FXYD7.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	FXYD7 antibody is human, mouse and rat reactive. FXYDY7 antibody is predicted to not react with other members of the FXDY protein family.
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of FXYD7 in human lung tissue with FXYD7 polyclonal antibody (Cat # PAB25720) at 1 ug/mL.

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Immunohistochemical analysis of FXYD7 in rat lung tissue with FXYD7 polyclonal antibody (Cat # PAB25720) at 2.5 ug/mL.

- Immunofluorescence

Immunofluorescence analysis of FXYD7 in rat lung tissue with FXYD7 polyclonal antibody (Cat # PAB25720) at 20 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FXYP7

Entrez GeneID [53822](#)

Protein Accession# [AAH18619](#)

Gene Name FXYP7

Gene Alias FLJ25096

Gene Description FXYP domain containing ion transport regulator 7

Omim ID [606684](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This reference sequence was derived from multiple replicate ESTs and validated by similar human genomic sequence. This gene encodes 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 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYP-domain containing ion transport regulator. Transmembrane topology has been established for two family members (FXYP1 and FXYP2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. FXYP2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYP1 (phospholemman), FXYP2 (gamma), FXYP3 (MAT-8), FXYP4 (CHIF), and FXYP5 (RIC) have been shown to induce channel activity in experimental expression systems. This gene product, FXYP7, is novel and has not been characterized as a protein. [RefSeq curation by Kathleen J. Sweadner, Ph.D., sweadner@helix.mgh.harvard.edu.

Other Designations FXYP domain-containing ion transport regulator 7

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)