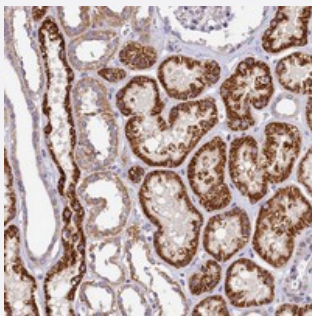


FXYD6 polyclonal antibody

Catalog # PAB24172 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with FXYD6 polyclonal antibody (Cat # PAB24172) shows strong cytoplasmic positivity in cells in tubules.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant FXYD6.
Immunogen	Recombinant protein corresponding to amino acids of human FXYD6.
Sequence	SRRCKCSFNQKPAPGDEEAQVENLITANATEP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. 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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — FXYD6

Entrez GeneID[53826](#)**Protein Accession#**[Q9H0Q3](#)**Gene Name**

FXYD6

Gene Alias

-

Gene Description

FXYD domain containing ion transport regulator 6

Omim ID[606683](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This reference sequence was derived from multiple replicate ESTs and validated by 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 PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. FXYD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYD1 (phospholemman), FXYD2 (gamma), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIC) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXYD1 and FXYD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. This gene product, FXYD6, is novel and has not been characterized as a protein. Multiple alternatively spliced transcript variants that encode the same protein isoform have been described. RefSeq curation by Kathleen J. Sweadner, Ph.D., sweadner@helix.mgh.harvard.edu.

Other Designations

FXYD domain-containing ion transport regulator 6|phosphohippolin

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)