

**FXYD5 rabbit pAb****Cat#: orb774245 (Manual)**

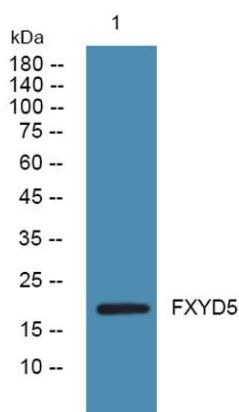
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<b>Product Name</b>	FXYD5 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: Internal
<b>Specificity</b>	FXYD5 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	FXYD domain-containing ion transport regulator 5 (Dysadherin)
<b>Gene Name</b>	FXYD5 DYSAD IWU1 HSPC113 UNQ2561/PRO6241
<b>Cellular localization</b>	Membrane ; Single-pass type I membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	19kD
<b>Human Gene ID</b>	53827
<b>Human Swiss-Prot Number</b>	Q96DB9
<b>Alternative Names</b>	

## Background

FXYP domain containing ion transport regulator 5(FXYP5) Homo sapiens  
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. Mouse FXYP5 has been termed RIC (Related to Ion Channel). 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. 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. This gene product, FXYP5, is a glycoprotein that functions in the up



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night