



# FXYD2 Polyclona Antibody

Cat No.:ES16303

For research use only

## Overview

Product Name	FXYD2 Polyclona Antibody
Host species	Rabbit
Applications	IHC; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IHC-p 1:50-200, ELISA(peptide)1:5000-20000
Immunogen	Synthesized peptide derived from human FXYD2 AA range: 10-90
Specificity	This antibody detects endogenous levels of human FXYD2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	FXYD2
Gene Name	FXYD2 ATP1C ATP1G1
Cellular localization	Membrane ; Single-pass type III membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	486
Human Swiss-Prot Number	P54710
Alternative Names	Sodium/potassium-transporting ATPase subunit gamma (Na+)/K(+) ATPase subunit gamma;FXYD domain-containing ion transport regulator 2;Sodium pump gamma chain)
Background	FXYD domain containing ion transport regulator 2(FXYD2) Homo sapiens This gene encodes a member of the FXYD family of transmembrane proteins. This particular protein encodes the sodium/potassium-transporting ATPase subunit gamma. Mutations in this gene have been





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associated with Renal Hypomagnesemia-2. Alternatively spliced transcript variants have been described. Read-through transcripts have been observed between this locus and the upstream FXYD domain-containing ion transport regulator 6 (FXYD6, GeneID 53826) locus.[provided by RefSeq, Feb 2011],



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