



# FXYD2 Polyclona Antibody

Cat No.:ES16303

For research use only

## Overview

<b>Product Name</b>	FXYD2 Polyclona Antibody
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC; ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA(peptide)1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human FXYD2 AA range: 10-90
<b>Specificity</b>	This antibody detects endogenous levels of human FXYD2
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	FXYD2
<b>Gene Name</b>	FXYD2 ATP1C ATP1G1
<b>Cellular localization</b>	Membrane ; Single-pass type III 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>	
<b>Human Gene ID</b>	486
<b>Human Swiss-Prot Number</b>	P54710
<b>Alternative Names</b>	Sodium/potassium-transporting ATPase subunit gamma (Na <sup>+</sup> )/K <sup>+</sup> ATPase subunit gamma;FXYD domain-containing ion transport regulator 2;Sodium pump gamma chain)
<b>Background</b>	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 FXRD domain-containing ion transport regulator 6 (FXRD6, GeneID 53826) locus.[provided by RefSeq, Feb 2011],



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