Datasheet for ABIN1709495

anti-FXYD6 antibody (AA 15-75) (FITC)

Go to Product page

Overview

Quantity:	100 µL
Target:	FXYD6
Binding Specificity:	AA 15-75
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FXYD6 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FXYD6
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	FXYD6
Alternative Name:	FXYD6 (FXYD6 Products)
Background:	Synonyms: FXYD domain containing ion transport regulator 6, FXYD domain containing ion

Target Details

	transport regulator 6 precursor, Phosphohippolin, UNQ521/PRO1056, FXYD6_HUMAN. Background: The mammalian FXYD family maintains Na+ and K+ gradients between the intracellular and extracellular milieus of cells in processes such as renal Na+-reabsorption, muscle contraction and neuronal excitability. FXYDs are single-span membrane proteins that share a 35 amino acid signature domain, beginning with the sequence PFXYD and containing seven invariant and six conserved amino acids. Members of the FXYD family include FXYD1 (PLM, phospholemman), FXYD2 (the g subunit of the Na+/K+-ATPase), FXYD3 (Mat8, mammary tumor protein), FXYD4 (CHIF) and FXYD5 (RIC). FXYD6 is expressed in various epithelial cells bordering the endolymph space and in the auditory neurons. FXYD6 co-localizes with Na+/K+-ATPase in the stria vascularis and can be co-immunoprecipitated with Na+/K+-ATPase. After expression, FXYD6 associates with Na+/K+-ATPase alpha1-beta1 and alpha1-beta2 isozymes, which are preferentially expressed in different regions of the inner ear and also with gastric and non-gastric H+/K+-ATPase.
Gene ID:	53826

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months