

Datasheet for ABIN1713096
anti-FXYD6 antibody (PE-Cy5.5)



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Overview

Quantity:	100 µL
Target:	FXYD6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FXYD6 antibody is conjugated to PE-Cy5.5
Application:	Western Blotting (WB)

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 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,

Target Details

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: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

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: Sodium azide

Precaution of Use: This product contains sodium azide: 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