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## Datasheet for ABIN1713793 **anti-FXYD6 antibody (AA 15-75)**

### Overview

Quantity:	100 µL
Target:	FXYD6
Binding Specificity:	AA 15-75
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FXYD6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### 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 ( <a href="#">FXYD6 Products</a> )

## Target Details

Background:	<p>Synonyms: FXYD domain containing ion transport regulator 6, FXYD domain containing ion transport regulator 6 precursor, Phosphohippolin, UNQ521/PRO1056, FXYD6_HUMAN.</p> <p>Background: The mammalian FXYD family maintains Na<sup>+</sup> and K<sup>+</sup> gradients between the intracellular and extracellular milieus of cells in processes such as renal Na<sup>+</sup>-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<sup>+</sup>/K<sup>+</sup>-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<sup>+</sup>/K<sup>+</sup>-ATPase in the stria vascularis and can be co-immunoprecipitated with Na<sup>+</sup>/K<sup>+</sup>-ATPase. After expression, FXYD6 associates with Na<sup>+</sup>/K<sup>+</sup>-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<sup>+</sup>/K<sup>+</sup>-ATPase.</p>
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Gene ID:	53826
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## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months