

## FXYD4 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP10103
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human FXYD4
Mol wt	9790
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	FXYD4
Synonyms	FXYD4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain beginning with the sequence PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. FXYD4| originally named CHIF for channel-inducing factor| has been shown to modulate the properties of the Na|K-ATPase| as has FXYD2| also known as the gamma subunit of the Na|K-ATPase| and FXYD7. Transmembrane topology has been established for FXYD4 and two family members (FXYD1 and FXYD2)| with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. Alternatively spliced transcript variants encoding the same protein have been found.

### Recommended Dilution

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year