

FXYD5/Dysadherin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55592

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96DB9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19472

Additional Information

Gene ID	53827
Other Names	FXYD domain-containing ion transport regulator 5, Dysadherin, FXYD5, DYSAD, IWU1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FXYD5
Synonyms	DYSAD, IWU1
Function	Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane (By similarity). May increase NKA activity by increasing the apparent affinity for Na(+) (PubMed: 18263667). Involved in down-regulation of E-cadherin which results in reduced cell adhesion. Promotes metastasis (PubMed: 11756660).
Cellular Location	Cell membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P97808} Basolateral cell membrane {ECO:0000250 UniProtKB:P97808}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P97808}. Note=In kidneys localizes to the basolateral membrane of the connecting tubule {ECO:0000250 UniProtKB:P97808}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.