

Product datasheet for **TA331461**

Dysadherin (FXVD5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FXVD5 antibody: synthetic peptide directed towards the N terminal of human FXVD5. Synthetic peptide located within the following region: LQPTSPTPTWPADETPQPQTQTQQLEGTDGPLVTDPEETHKSTKAAHPTDD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	FXVD domain containing ion transport regulator 5
Database Link:	NP_659003 Entrez Gene 53827 Human Q96DB9



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Background:

FXVD5 is a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXVD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXVD-domain containing ion transport regulator. Mouse FXVD5 has been termed Rlon Channel (Related to Ion Channel). FXVD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXVD1 (phospholemman), FXVD2 (gamma), FXVD3 (MAT-8), FXVD4 (CHIF), and FXVD5 (Rlon Channel) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXVD1 and FXVD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. This gene product, FXVD5, has not been characterized as a protein.

Synonyms:

DYSAD; HSPC113; IWU1; KCT1; OIT2; PRO6241; RIC

Note:

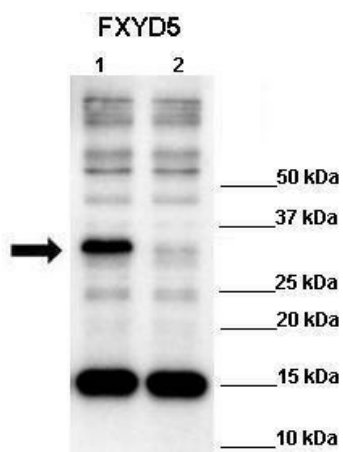
Human: 100%; Mouse: 100%; Yeast: 90%

Protein Families:

Druggable Genome, Ion Channels: Other, Transmembrane

Product images:

WB Suggested Anti-FXVD5 Antibody Titration:
0.625ug/ml; ELISA Titer: 1:312500; Positive
Control: Human Placenta



Lanes: Lane 1: 10ug hFXVD5 transfected 293T lysate; Lane 2: 10ug 293T lysate; Primary Antibody Dilution: 1:1000; Secondary Antibody: Anti-rabbit HRP; Secondary Antibody Dilution: 1:4000; Gene Name: FXVD5; Submitted by: Anonymous;

See Immunoblot 2 Data and Customer Feedback for more Information