

Product datasheet for **TA302772**

Dysadherin (FXVD5) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-1.5µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence GKCRQLSRLCRNHCR, from the C Terminus of the protein sequence according to NP_054883.1; NP_659003.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	FXVD domain containing ion transport regulator 5
Database Link:	NP_054883 Entrez Gene 53827 Human Q96DB9



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Background:

This reference sequence was derived from AF161462.1 and ESTs; validated by multiple replicate ESTs and human genomic sequence. 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 PFXD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXD-domain containing ion transport regulator. Mouse FXD5 has been termed RIC (Related to Ion Channel). FXD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXD1 (phospholemman), FXD2 (gamma), FXD3 (MAT-8), FXD4 (CHIF), and FXD5 (RIC) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXD1 and FXD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. This gene product, FXD5, has not been characterized as a protein. Two transcript variants have been found for this gene, and they are both predicted to encode the same protein. [RefSeq curation by Kathleen J. Sweadner, Ph.D., sweadner@helix.mgh.harvard.edu.]

Synonyms:

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

Protein Families:

Druggable Genome, Ion Channels: Other, Transmembrane

Product images:

TA302772 staining (0.5ug/ml) of Jurkat lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.