

Rabbit FXYD5 Polyclonal Antibody | anti-FXYD5 antibody

FXYD5 antibody - N-terminal region

CATALOG # AAA198202	HOST Rabbit	REACTIVITY Tested: Human Predicted: Human, Mouse, Yeast	APPLICATIONS Western Blot
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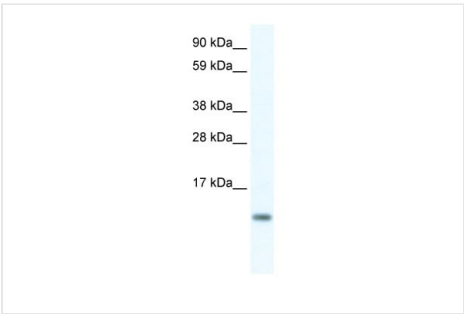
PRODUCT SYNONYMS

FXYD5; Polyclonal Antibody; FXYD5 antibody - N-terminal region; anti-FXYD5 antibody

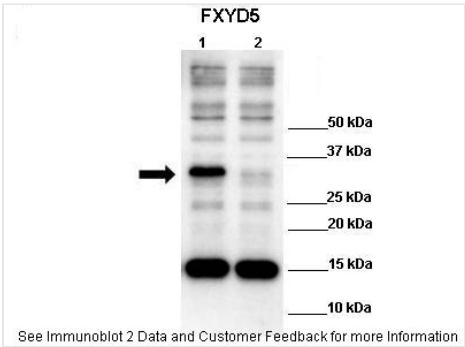
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Human, Mouse, Yeast
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	1.0 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: LQ PTSPTPTWPA DETPQPQTQT QQLEGTDGPL VTDPEHKST KAAHPTDD
Sequence Length	178
Applicable Applications for anti-FXYD5 antibody	WB (Western Blot)
Homology	Human: 100%; Mouse: 100%; Yeast: 90%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FXYD5
Protein Size	178 amino acids
Protein Interactions	UBC
Blocking Peptide	For anti-FXYD5 antibody is ()
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-FXYD5 Antibody Titration: 0.625ug/mlELISA Titer: 1:312500Positive
Control: Human Placenta



WB (Western Blot)
Lanes:Lane 1: 10ug hFXYD5 transfected 293T lysateLane 2: 10ug 293T lysatePrimary
Antibody Dilution:1:1000Secondary Antibody:Anti-rabbit HRPSecondary Antibody
Dilution:1:4000Gene Name:FXYD5Submitted by:Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-FXYD5 antibody	This is a rabbit polyclonal antibody against FXYD5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: FXYD5 is 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. Mouse FXYD5 has been termed RIon Channel (Related to Ion Channel). FXYD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYD1 (phospholemman), FXYD2 (gamma), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIon Channel) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXYD1 and FXYD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. This gene product, FXYD5, has not been characterized as a protein.
Product Categories/Family for anti-FXYD5 antibody	Polyclonal; Cell Adhesion

NCBI AND UNIPROT INFORMATION

NCBI GI #	47778938
NCBI GeneID	53827
NCBI Accession #	NP_659003
NCBI GenBank Nucleotide #	NM_144779
UniProt Accession #	Q96DB9
Molecular Weight	20kDa
NCBI Official Full Name	FXYD domain-containing ion transport regulator 5 isoform 1
NCBI Official Synonym Full Names	FXYD domain containing ion transport regulator 5
NCBI Official Symbol	FXYD5
NCBI Official Synonym Symbols	RIC; IWU1; KCT1; OIT2; DYSAD; HSPC113; PRO6241
NCBI Protein Information	FXYD domain-containing ion transport regulator 5
UniProt Protein Name	FXYD domain-containing ion transport regulator 5
UniProt Gene Name	FXYD5
UniProt Synonym Gene Names	DYSAD; IWU1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/fxyd5-antibody-western-blot-elisa/198202>