

Datasheet for ABIN2775617

anti-Tricellulin antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	Tricellulin (MARVELD2)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Pig, Cow, Dog, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tricellulin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MARVELD2
Sequence:	PKTPFVLVVA GLAWITTIII LVLGMSMYR TILLDSNWWP LTEFGINVAL
Predicted Reactivity:	Cow: 100%, Dog: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against MARVELD2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Tricellulin (MARVELD2)
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Target Details

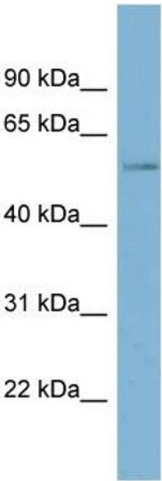
Alternative Name:	MARVELD2 (MARVELD2 Products)
Background:	Tight junctions (TJ) prevent leakage of solutes through the paracellular pathway of epithelial cells. MARVELD2, or tricellulin (TRIC), is an integral membrane protein concentrated at the vertically oriented TJ strands of tricellular contacts (Ikenouchi et Alias Symbols: DFNB49, FLJ30532, MARVD2, MRVLDC2, Tric Protein Interaction Partner: ELAVL1, UBC, Protein Size: 457
Molecular Weight:	52 kDa
Gene ID:	153562
NCBI Accession:	NM_144724 , NP_653325
UniProt:	C9J8H4
Pathways:	Sensory Perception of Sound , Cell-Cell Junction Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 457 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MARVELD2 Antibody Titration:
0.2-1 ug/ml Positive Control: PANC1 cell lysate