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Rabbit Anti-MARVELD2 antibody

SL18684R

Product Name:	MARVELD2
Chinese Name:	MARVEL蛋白家族D2抗体
Alias:	DFNB49; FLJ30532; MARVD2; MARVEL (membrane associating) domain containing 2; MARVEL domain containing 2; MARVEL domain containing protein 2; MARVELD 2; MARVELD2; MRVLDC2; Tric; Tricellulin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,Monkey,Chimpanzee,Rhesus monkey, Gorilla, Orangutan, Bat
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	64kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MARVELD2:461-558/558
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a membrane protein found at the tight junctions between epithelial cells. The encoded protein helps establish epithelial barriers such as those in the organ of Corti, where these barriers are required for normal hearing. Defects in this gene are a cause of deafness autosomal recessive type 49 (DFNB49). Two

transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Function:
Plays a role in the formation of the epithelial barriers. The separation of the endolymphatic and perilymphatic spaces of the organ of Corti from one another by epithelial barriers is required for normal hearing.

Subcellular Location:
Cell membrane; Multi-pass membrane protein. Cell junction, tight junction. Note=Found at tricellular contacts.

DISEASE:
Deafness, autosomal recessive, 49 (DFNB49) [MIM:610153]: A form of non-syndromic sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information. Note: The disease is caused by mutations affecting the gene represented in this entry.

Similarity:
Contains 1 MARVEL domain.

SWISS:
Q8N4S9

Gene ID:
153562

Database links:

Entrez Gene: 461831 Chimpanzee

Entrez Gene: 101128096 Gorilla

Entrez Gene: 153562 Human

Entrez Gene: 100173144 Orangutan

Entrez Gene: 100516404 Pig

Entrez Gene: 365657 Rat

Omim: 610572 Human

SwissProt: Q8N4S9 Human

	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.