MALD2 Polyclonal Antibody

Catalog No	YP-Ab-05709
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MARVELD2 TRIC
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	MALD2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DFNB49;MARVD2;MARVEL domain containing 2;MARVELD2;MRVLDC2;Tric; Tricellulin;MALD2;MARVELD2 TRIC;MARVEL domain-containing protein 2 (Tricellulin)
Observed Band	64 kDa
Calculated Molecular Weight	558 aa, 64 kDa
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cell junction, tight junction . Located at tricellular contacts. .
Tissue Specificity	Brain,Epithelium,Lung,Trachea,
Function	disease:Defects in MARVELD2 are the cause of non-syndromic sensorineural deafness autosomal recessive type 49 (DFNB49) [MIM:610153]. DFNB49 is a form of 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.,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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 MARVEL domain.,subcellular location:Found at tricellular contacts.,

Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images