

ARG56165 anti-ZO2 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ZO2
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ZO2
Species	Human
Immunogen	Recombinant protein of Human ZO-2.
Conjugation	Un-conjugated
Alternate Names	X104; DFNA51; Tight junction protein ZO-2; C9DUPq21.11; Zonula occludens protein 2; ZO2; Zona occludens protein 2; PFIC4; DUP9q21.11; Tight junction protein 2

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 21873 Mouse](#)

[GeneID: 9414 Human](#)

[Swiss-port # Q9UDY2 Human](#)

[Swiss-port # Q9Z0U1 Mouse](#)

Gene Symbol

TJP2

Gene Full Name

tight junction protein 2

Background

This gene encodes a zonula occludens that is a member of the membrane-associated guanylate kinase homolog family. The encoded protein functions as a component of the tight junction barrier in epithelial and endothelial cells and is necessary for proper assembly of tight junctions. Mutations in this gene have been identified in patients with hypercholanemia, and genomic duplication of a 270 kb region including this gene causes autosomal dominant deafness-51. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Function

Plays a role in tight junctions and adherens junctions. [UniProt]

Highlight

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[Anti-Rabbit IgG secondary antibodies:](#)

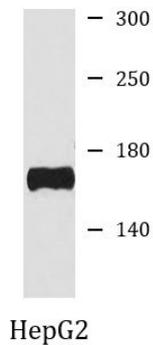
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Calculated Mw

134 kDa

Images



ARG56165 anti-ZO2 antibody WB image

Western blot: HepG2 cell lysate stained with ARG56165 anti-ZO2 antibody.