

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ZO-1



Numéro de catalogue: 20742-1-AP

9 Publications

Informations de base

Numéro de catalogue: 20742-1-AP	Numéro d'acquisition GenBank: NM_003257	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7082	Dilutions recommandées: IF 1:20-1:200
Hôte: Lapin	Nom complet: tight junction protein 1 (zona occludens 1)	
Isotype: IgG	MW calculé 196 kDa	

Applications

Applications testées: IF, ELISA	Contrôles positifs: IF : cellules HUVEC,
Demandes citées: IF, WB	
Spécificité de l'espèce: Humain	
Espèces citées: bovin, Humain, rat, souris	

Informations générales

Tight junction (or zonula occludens) form the continuous intercellular barrier between epithelial and endothelial cells, which is required to separate tissue spaces and regulate selective movement of solutes across the epithelium and endothelium (PMID: 20066090). ZO-1 (also known as TJP1) is a peripheral membrane phosphoprotein located on the cytoplasmic face and is expressed in tight junctions of both epithelial and endothelial cells (PMID: 3528172). It binds the transmembrane proteins occludin and the claudins linking them to cytoskeletal actin (PMID: 17418867). ZO-1 belongs to a family of multidomain proteins known as the membrane-associated guanylate kinase homologs (MAGUKs). It is a pivotal tight junction protein and may be involved in signalling mechanisms regulating cell proliferation and differentiation (PMID: 22782886).

Publications notables

Autrice	Pubmed ID	Journal	Application
E O Adegoke	30267989	Ecotoxicol Environ Saf	IF
Shan Feng	30227623	Molecules	IF
Rui Feng	34871925	Theriogenology	WB,IF

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

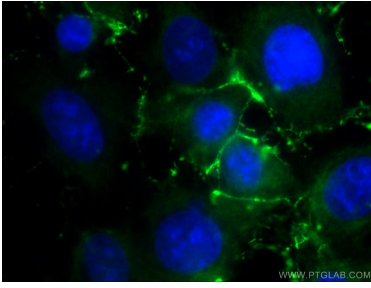
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Immunofluorescent analysis of HUVEC cells using 20742-1-AP (ZO-1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).