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TMEM204 Rabbit pAb

Catalog # AP96329

Product Information

Application	WB
Primary Accession	Q9BSN7
Other Accession	Q9BSN7
Reactivity	Mouse
Predicted	Rat, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24540
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMEM204
Epitope Specificity	51-150/226
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell junction > adherens junction. Cell membrane. Co-localizes with the beta-catenin adherins.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	System L amino acid transporters, such as SLC43A2, mediate sodium-independent transport of bulky neutral amino acids across cell membranes (Bodoy et al., 2005 [PubMed 15659399]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	79652
Other Names	C16orf30; CLP24; TM204_HUMAN; TMEM204; Claudin-like protein 24; TM204_MOUSE; TM204_RAT; transmembrane protein 204; chromosome 16 open reading frame 30; claudin-like protein of 24 kDa
Target/Specificity	Highly expressed in lung, heart, kidney and placenta. Lower expression in thymus, spleen, liver, testis and ovary. Expressed in endothelial and restricted epithelial cell populations.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	TMEM204
Synonyms	C16orf30, CLP24
Function	Can influence paracellular permeability. Appears to be involved in cell-cell interactions through adherens.
Cellular Location	Cell junction, adherens junction. Cell membrane; Multi-pass membrane protein. Note=Colocalizes with the beta-catenin adherins
Tissue Location	Highly expressed in lung, heart, kidney and placenta. Lower expression in thymus, spleen, liver, testis and ovary Expressed in endothelial and restricted epithelial cell populations

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.