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Datasheet for ABIN2778043 anti-Claudin 19 antibody (C-Term)

Image



Overview

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010111011					
Quantity:	100 µL				
Target:	Claudin 19 (CLDN19)				
Binding Specificity:	C-Term				
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Pig, Rabbit, Horse				
Host:	Rabbit				
Clonality:	Polyclonal				
Conjugate:	This Claudin 19 antibody is un-conjugated				
Application:	Western Blotting (WB)				
Product Details					
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CLDN19				
Sequence:	AVLGGSFLCC TCPEPERPNS SPQPYRPGPS AAAREPVVKL PASAKGPLGV				
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 100%, Rabbit: 100%, Rat: 93%				
Characteristics:	This is a rabbit polyclonal antibody against CLDN19. It was validated on Western Blot us cell lysate as a positive control.				
Purification:	Affinity Purified				
Target Details					
Target:	Claudin 19 (CLDN19)				

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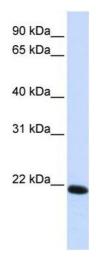
Target Details			
Alternative Name:	CLDN19 (CLDN19 Products)		
Background:	CLDN19 belongs to the claudin family. It plays a major role in tight junction-specific obliteration		
	of the intercellular space, through calcium-independent cell-adhesion activity. Defects in this		
	gene are the cause of hypomagnesemia renal with ocular involvement (HOMGO). HOMGO is a		
	progressive renal disease characterized by primary renal magnesium wasting with		
	hypomagnesemia, hypercalciuria and nephrocalcinosis associated with severe ocular		
	abnormalities such as bilateral chorioretinal scars, macular colobomata, significant myopia and		
	nystagmus. The product of this gene belongs to the claudin family. It plays a major role in tight		
	junction-specific obliteration of the intercellular space, through calcium-independent cell-		
	adhesion activity. Defects in this gene are the cause of hypomagnesemia renal with ocular		
	involvement (HOMGO). HOMGO is a progressive renal disease characterized by primary renal		
	magnesium wasting with hypomagnesemia, hypercalciuria and nephrocalcinosis associated		
	with severe ocular abnormalities such as bilateral chorioretinal scars, macular colobomata,		
	significant myopia and nystagmus. Two transcript variants encoding distinct isoforms have		
	been identified for this gene.		
	Alias Symbols: HOMG5		
	Protein Interaction Partner: SRPK2,		
	Protein Size: 224		
Molecular Weight:	23 kDa		
Gene ID:	149461		
NCBI Accession:	NM_148960, NP_683763		
UniProt:	Q8N6F1		
Pathways:	Cell-Cell Junction Organization, Hepatitis C		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 224 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		

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Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.			
Preservative:	Sodium azide			
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.			
Handling Advice:	Avoid repeated freeze-thaw cycles.			
Storage:	-20 °C			
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in sr aliquots to prevent freeze-thaw cycles.			

Images



Western Blotting								
Image 1. WB Suggested Anti-CLDN19 Antibody Titration:								
0.2-1	ug/ml	ELISA	Titer:	1:62500	Positive	Control:		
Transfected 293T								