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CLDN19

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:23kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CLDN19

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HOMG5;

Catalog #:A2874

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:149461

Isotype: IgG

Swiss Prot:Q8N6F1

Purity: Affinity purification

For research use only.

Background:

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. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

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