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CLDN2 Rabbit pAb

Catalog No.: A14085 **5 Publications**

Basic Information

Observed MW
25kDa

Calculated MW
25kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human, Mouse, Rat

Background

This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
9075

Swiss Prot
P57739

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 184-230 of human CLDN2 (NP_001164563.1).

Synonyms
OAZON; claudin-2; CLDN2

Contact

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Product Information

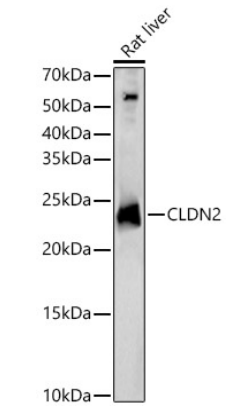
Source
Rabbit

Isotype
IgG

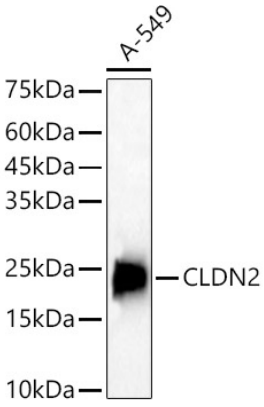
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Rat liver, using CLDN2 Rabbit pAb (A14085) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Western blot analysis of lysates from A-549 cells, using CLDN2 Rabbit pAb (A14085) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.