

Datasheet for ABIN2775596  
**anti-Claudin 3 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	Claudin 3 (CLDN3)
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	VPEAQKREMG AGLYVGWAAA ALQLLGALL CCSCPPRDKY APTKILYSAP
Predicted Reactivity:	Cow: 79%, Dog: 87%, Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Cldn3. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Claudin 3 (CLDN3)
Alternative Name:	Cldn3 ( <a href="#">CLDN3 Products</a> )
Background:	Cldn3 plays a major role in tight junction-specific obliteration of the intercellular space, through

## Target Details

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calcium-independent cell-adhesion activity.

Alias Symbols: AI182374, Cpetr2, mRVP1

Protein Size: 219

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Molecular Weight: 23 kDa

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Gene ID: 12739

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NCBI Accession: [NM\\_009902](#), [NP\\_034032](#)

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UniProt: [Q9Z0G9](#)

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Pathways: [Hepatitis C](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 219 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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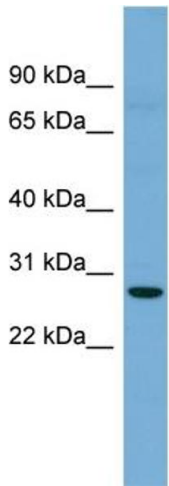
Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

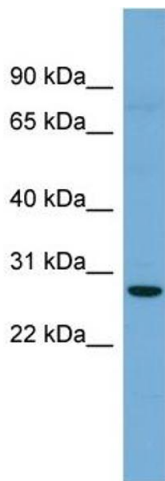


Rabbit Anti-Cldn3 Antibody  
Catalog Number: ARP42831  
Lot Number: QC12154  
Lane: Mouse Liver Lysate

Antibody Titration: 0.125µg/ml  
Gel Concentration: 12%

#### Western Blotting

**Image 1.** WB Suggested Anti-Cldn3 Antibody Titration:  
0.125ug/ml ELISA Titer: 1:1562500 Positive Control: Mouse  
Liver



#### Western Blotting

**Image 2. WB Suggested Anti-Cldn3 Antibody Titration:**  
0.125ug/ml  
**ELISA Titer:** 1:1562500  
**Positive Control:** Mouse Liver