

Datasheet for ABIN1449984

anti-Claudin 4 antibody (C-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	Claudin 4 (CLDN4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	CLAUDIN4 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human CLAUDIN4.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Claudin 4 (CLDN4)
Alternative Name:	Claudin-4 / CLDN4 (CLDN4 Products)
Background:	CLAUDIN4 is an integral membrane protein belonging to the claudin family, a family of cellular adhesion molecules that are components of tight junctions. CLAUDIN4 is a component of tight junction strands and may play a role in internal organ development and function during pre- and

Target Details

postnatal life. The CLAUDIN4 gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. CLAUDIN4 is frequently overexpressed in ovarian and other epithelial cancers. Synonyms: CPE-R, CPE-Receptor, CPER, CPETR1, Clostridium perfringens enterotoxin receptor, WBSCR8, Williams-Beuren syndrome chromosomal region 8 protein

Molecular Weight: 23 kDa

Gene ID: 1364

NCBI Accession: [NP_001296](#)

Pathways: [Hepatitis C](#)

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

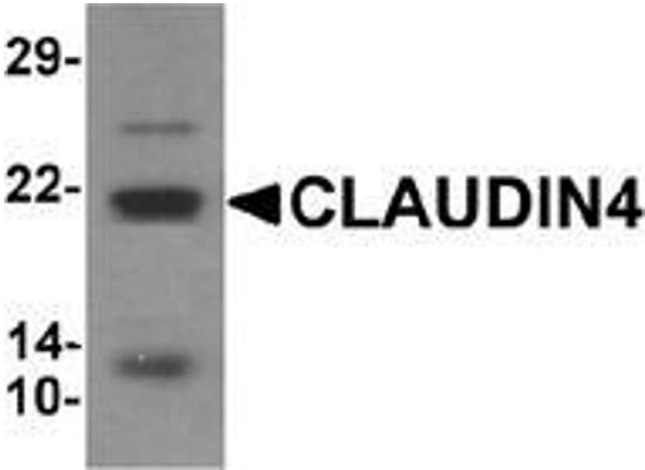
Preservative: Sodium azide

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 freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of CLAUDIN4 in human colon tissue lysate with CLAUDIN4 Antibody at 1 µg/ml.