

Datasheet for ABIN1533227
anti-Claudin 5 antibody (AA 169-218)



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2 Images

Overview

Quantity:	100 µL
Target:	Claudin 5 (CLDN5)
Binding Specificity:	AA 169-218
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Claudin 5.
Isotype:	IgG
Specificity:	Claudin 5 Antibody detects endogenous levels of total Claudin 5 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Claudin 5 (CLDN5)
Alternative Name:	Claudin 5 (CLDN5 Products)
Background:	Synonyms: CLD5, CLDN5, TMDVCF, Transmembrane protein deleted in VCFS

Target Details

NCBI Gene Symbol: CLDN5

Molecular Weight: 23 kDa

Gene ID: 7122

OMIM: 602101

UniProt: [O00501](#)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000

Comment: Unigene-Number: Hs.505337 (NCBI Gene Symbol: CLDN5)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

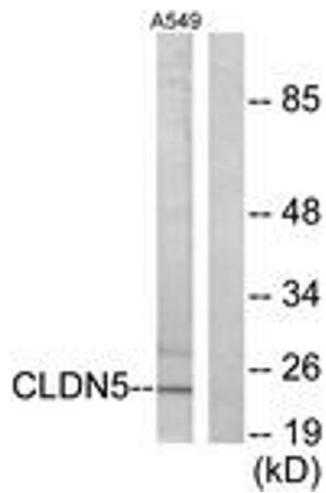
Preservative: Sodium azide

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

Storage: -20 °C

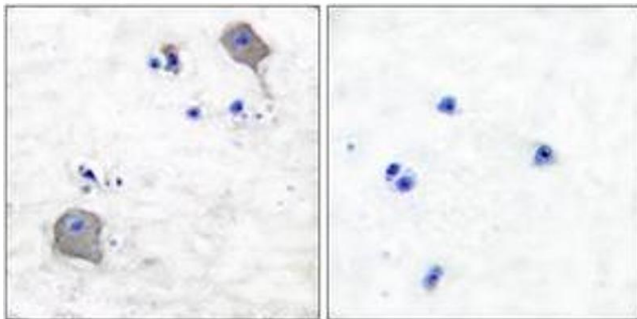
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of extracts from A549 cells, using Claudin 5 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Claudin 5 Antibody. The picture on the right is treated with the synthesized peptide.