

Datasheet for ABIN2460771
anti-Claudin 11 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Claudin 11 (CLDN11)
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CLDN11.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	Claudin 11 (CLDN11)
Alternative Name:	CLDN11 (CLDN11 Products)
Background:	CLDN11 belongs to the claudin family of tight junction associated proteins and is a major component of central nervous system myelin that is necessary for normal CNS function. There is growing evidence that the protein determines the permeability between layers of myelin sheaths via focal adhesion and, with its expression highly regulated during development, may play an important role in cellular proliferation and migration. In addition, the protein is a

Target Details

candidate autoantigen in the development of autoimmune demyelinating disease. The protein encoded by this gene belongs to the claudin family of tight junction associated proteins and is a major component of central nervous system myelin that is necessary for normal CNS function. There is growing evidence that the protein determines the permeability between layers of myelin sheaths via focal adhesion and, with its expression highly regulated during development, may play an important role in cellular proliferation and migration. In addition, the protein is a candidate autoantigen in the development of autoimmune demyelinating disease.

Molecular Weight: 22 kDa

Gene ID: 5010

NCBI Accession: [NP_005593](#)

UniProt: [O75508](#)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: CLDN11 antibody can be used for detection of CLDN11 by ELISA at 1:312500. CLDN11 antibody can be used for detection of CLDN11 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store CLDN11 antibody at -20 °C.



Western Blotting

Image 1.