

Datasheet for ABIN951560

anti-CLDND1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	CLDND1
Binding Specificity:	AA 50-80, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLDND1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 50~80 amino acids from the Central region of human CLDND
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CLDND1.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CLDND1
Alternative Name:	CLDND1 (CLDND1 Products)

Target Details

Background: CLDND1 is widely distributed in the adult CNS with highest expression in the corpus callosum, caudate nucleus, cerebral cortex, medulla, putamen, spinal cord, substantia nigra and subthalamic nucleus. Weak expression has been detected in the adult heart. There are 2 named isoforms produced by alternative splicing. Synonyms: C3orf4, Claudin domain-containing protein 1, GENX-3745, HSPC174, PRO6000, PSEC0054, UNQ2511

Molecular Weight: 28603 Da

Gene ID: 56650

NCBI Accession: [NP_001035271](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

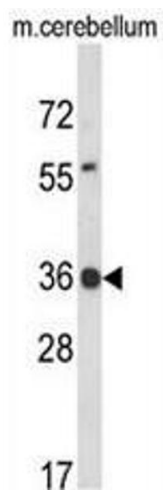
Preservative: Sodium azide

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: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of CLDND1 Antibody (Center) in mouse cerebellum tissue lysates (35µg/lane). CLDND1 (arrow) was detected using the purified Pab.