

Product Datasheet

Anti-Claudin 1/CLDN1 Antibody (orb1474863)

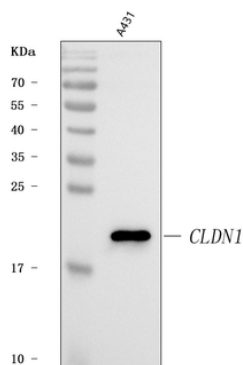
Description	Anti-Claudin 1/CLDN1 Antibody. Tested in ELISA, WB applications. This antibody reacts with Human.
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	E.coli-derived human Claudin 1/CLDN1 recombinant protein (Position: F96-V211).
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Western blot, 0.1-0.25 µg/ml, Human ELISA, 0.1-0.5 µg/ml, -. Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml
Isotype	Rabbit IgG
Clonality	Polyclonal
MW	22 kDa
Uniprot ID	O95832
Expiration Date	12 months from date of receipt.

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Western blot analysis of Claudin 1/CLDN1 using anti-Claudin 1/CLDN1 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 μ g of sample under reducing conditions. Lane 1: human A431 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Claudin 1/CLDN1 antigen affinity purified polyclonal antibody at 0.25 μ g/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Claudin 1/CLDN1 at approximately 22 kDa. The expected band size for Claudin 1/CLDN1 is at 28 kDa.

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