

CLDN4 Antibody

CAB12912

Description

This CLDN4 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB12912
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CPER, CPE-R, CPETR, CPETR1, WBSCR8, hCPE-R, CLDN4
Clone:	-
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	1364
Uniprot:	AB_2759757
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	18kDa
Calculated MW:	22kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

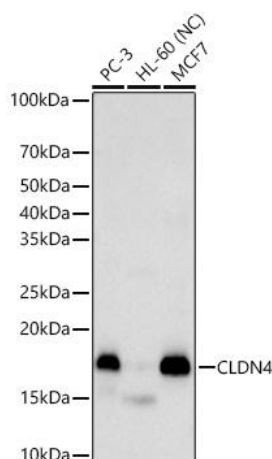
Positive Sample: PC-3, MCF7

Recommended Dilutions:

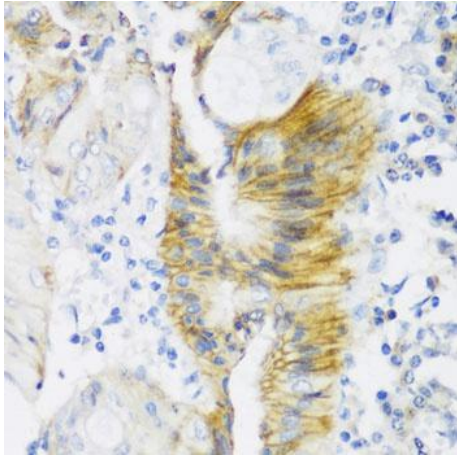
WB	1:2000 - 1:4000
IHC-P	1:50 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates, using CLDN4 Rabbit pAb (CAB12912) at 1:4000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): HL-60 Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using CLDN4 Rabbit pAb (CAB12912) at dilution of 1:150 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.