

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-Claudin 3 Antibody

**Catalog:** DL92856A

**Synonyms:** C7orf1; CPETR2; Claudin-3; Clostridium  
perfringens enterotoxin receptor 2; CPE-R 2;  
CPE-receptor 2; Rat ventral prostate.1 protein  
homolog; hRVP1

**Immunogen:** KLH-conjugated synthetic peptide encompassing a  
sequence within the C-term region of human  
Claudin 3. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Bovine

**Application:** WB, IHC, IF/IC, IP

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/100 - 1/200), IF/IC (1/100 -  
1/500), IP (1/10 - 1/100)

**Entrez Gene:** 1365

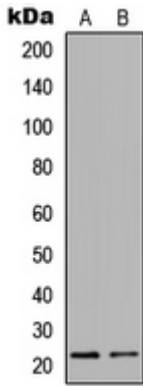
**SwissProt:** O15551

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of Claudin 3 expression in SW480 (A), LOVO (B) whole cell lysates.

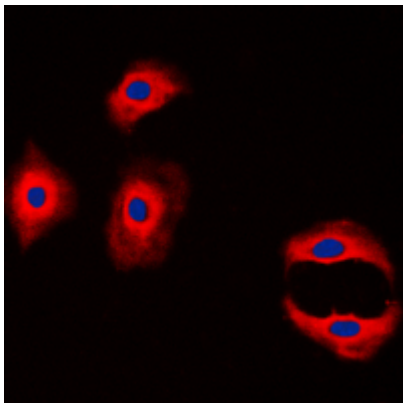


### IHC description:

Immunohistochemical analysis of Claudin 3 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### IF/ICC description:

Immunofluorescent analysis of Claudin 3 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antib



**IP description:**

**Storage:**

Store at -20°C. Avoid repeated freeze / thaw cycles.