SICGEN ANTIBODIES

# Product Data Sheet

| Catalogue No. | Qty: |
|---|---|
| AB0333-100 | 300 µg |

# Anti-OCLN

**Source:** Goat

**General description:** Goat polyclonal antibody to Occludin. OCLN is an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier.

**Alternative names:** BLCPMG, Occludin, PTORCH1, PPP1R115 antibody.

**Form:** ?Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Peptide derived from within residues 500 aa to the C-terminus of human Occludin.

**Specificity:** Detects endogenous levels of OCLN in MCR, IMCD3, COS7, MDCK, HUH, HEK293, MCF7, mouse brain by Western blot.

**Reactivity:** Reacts with Human, Rat, Mouse, Monkey and Canine proteins

| Sample | WB | IHC (F) | IHC (P) | IF | ELISA |
|---|---|---|---|---|---|
| Human | +++ | +++ | +++ | ND | ND |
| Rat | +++ | +++ | +++ | ND | ND |
| Mouse | +++ | +++ | +++ | ND | ND |
| Canine | +++ | +++ | +++ | ND | ND |
| Monkey | +++ | +++ | +++ | ND | ND |

+++ excellent, ++ good, + poor, ND not determined

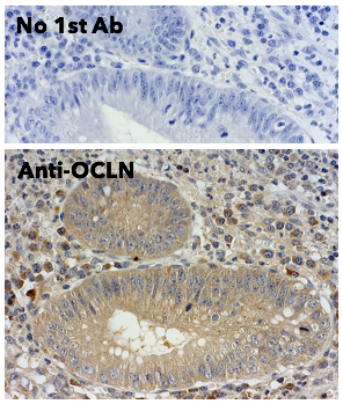
**Usage:**

| | |
|---|---|
| WB: | 1:500-1:2,000 |
| IHC (F): | 1:250-1:1,000 |
| IHC (P): | 1:250-1:1,000 |

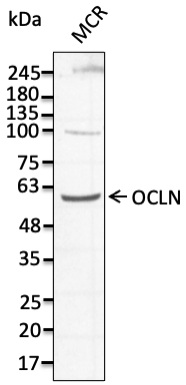
**Storage:** For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer.

Working dilution samples should be discarded if not used within 12 hours.

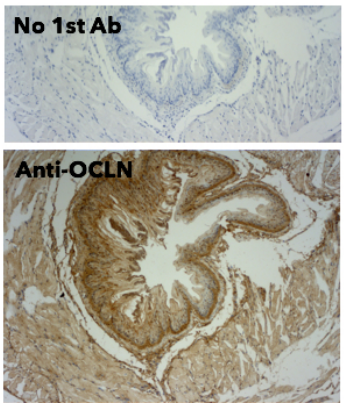
**Special instructions:** The antibody solution should be gently mixed before use..



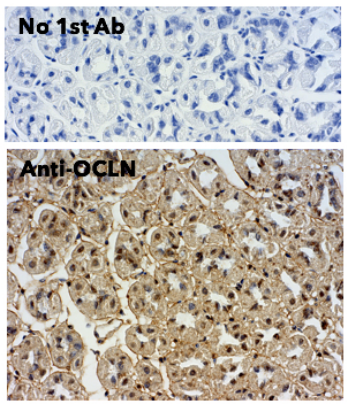

IHC of human appendix using anti-OCLN antibody and FFPE tissue after heat-induced antigen retrieval. Anti-OCLN Ab at 1:500/DAB detection;



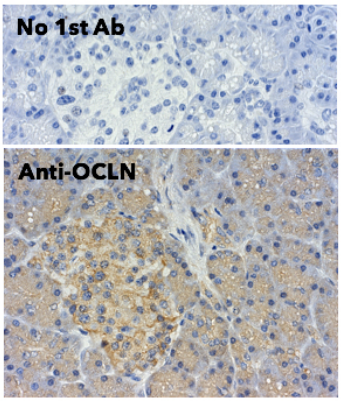

Anti-OCLN Ab at 1/1,000 dilution; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



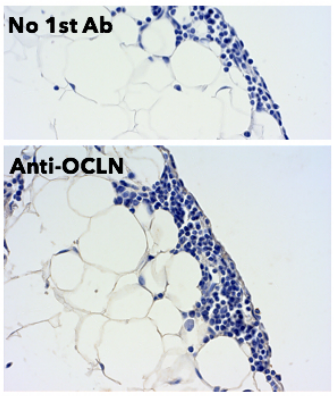

IHC of mouse stomach using anti-OCLN antibody and FFPE tissue after heat-induced antigen retrieval. Anti-OCLN Ab at 1:500/DAB detection;



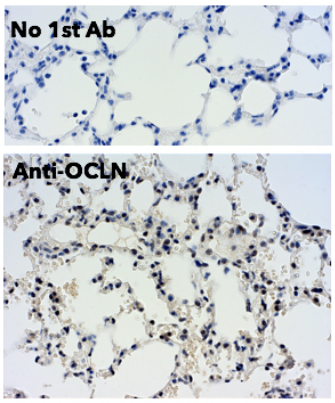

IHC of mouse stomach using anti-OCLN antibody and FFPE tissue after heat-induced antigen retrieval. Anti-OCLN Ab at 1:500/DAB detection;




IHC of human pancreas using anti-OCLN antibody and FFPE tissue after heat-induced antigenretrieval. Anti-OCLN Ab at 1:500/DAB detection;




IHC of rat adipose tissue using anti-OCLN antibody and FFPE tissue after heat-induced antigen retrieval. Anti-OCLN Ab at 1:500/DAB detection;




IHC of mouse lung using anti-OCLN antibody and FFPE tissue after heat-induced antigen retrieval. Anti-OCLN Ab at 1:500/DAB detection;

For research use only, not for diagnostic use

**SICGEN's Proprietary Immunogen Policy**

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.