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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06800 - Goat Anti-CLCA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** calcium activated chloride channel 1, CaCC, HGNC:2015, chloride channel, calcium activated, family member 1, CLCA1

**Official Symbol:** CLCA1

**Accession Number(s):** NP\_001276.1

**Human GeneID(s):** [1179](#)

**Important Comments:** No cross-reactivity expected with CLCA2 and 3.

### Immunogen

Peptide with sequence C-TVTSKTNKDTSK, from the internal region of the protein sequence according to NP\_001276.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

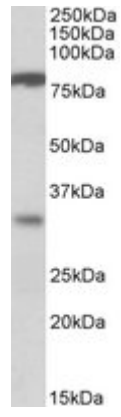
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Experiments gave bands at approx 80kDa and 30kDa in Human Duodenum lysates. These bands correspond to earlier findings in literature with different antibodies (Gruber et al, Genomics. 1998 Dec 1;54(2):200-14.). This protein has a calculated MW of 100kDa according to NP\_001276.1. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB06800 (1 $\mu$ g/ml) staining of Human Duodenum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.