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

EB09983 - Goat Anti-CLCN2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: chloride channel 2, CIC-2, CLC2, ECA2, ECA3, EGI11, EGI3, EGMA, EJM6, EJM8, Epilepsy, idiopathic generalized, susceptibility to, CLCN2

Official Symbol: CLCN2

Accession Number(s): NP_004357.3

Human GeneID(s): [1181](#)

Non-Human GeneID(s): 12724 (mouse), 29232 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms (NP_004357.3; NP_001164558.1; NP_001164559.1; NP_001164560.1).

Immunogen

Peptide with sequence QQLDEPVNFSDCK, from the internal region of the protein sequence according to NP_004357.3.

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 1:64000.

Western blot: Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 98.5kDa according to NP_004357.3). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB09983 (0.3µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.