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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.

## EB05671 - Goat Anti-CYLN2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** cytoplasmic linker 2, Williams-Beuren syndrome chromosome region 3, OTTHUMP00000160724, WSCR3, WBSCR3, CLIP, CAP-GLY domain containing linker protein 2, Williams-Beuren syndrome chromosome region 4, MGC11333, KIAA0291, CLIP-115, WBSCR4, WSCR4, cytoplasmic linker 2, CYLN2, CLIP2

**Official Symbol:** CLIP2

**Accession Number(s):** NP\_003379.3; NP\_115797.1

**Human GeneID(s):** [7461](#)

**Important Comments:** This antibody is expected to recognise both human isoforms of this protein, as represented by NP\_003379.3 and NP\_115797.1.

### Immunogen

Peptide with sequence C-HQQDKAQKQEDKH, from the C Terminus of the protein sequence according to NP\_003379.3; NP\_115797.1.

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 1:32000.

**Western blot:** Preliminary experiments gave 3 bands at approx 150kDa, 125kDa and 100kDa in human brain lysates at 0.1 µg/ml. Please note that currently we cannot find an explanation in the literature for the bands we observe given the predicted size of approx. 120kDa and 116kDa according to NP\_003379 and NP\_115797. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human

### Background Reference

Osborne LR, Martindale D, Scherer SW, Shi XM, Huizenga J, Heng HH, Costa T, Pober B, Lew L, Brinkman J, Rommens J, Koop B, Tsui LC.

Identification of genes from a 500-kb region at 7q11.23 that is commonly deleted in Williams syndrome patients.

Genomics. 1996 Sep 1;36(2):328-36.

**PMID:** 8812460