

## UK Office

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

## EB05779 - Goat Anti-CDYL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CDYL, chromodomain protein, Y-like, CDYL1, DKFZP586C1622, MGC131936, CDY-like, autosomal, bA620A17.2 (chromodomain protein, Y chromosome-like), chromodomain protein, Y chromosome-like, chromodomain protein, Y chromosome-like, isoform b, testis-specific chromodomain Y-like protein, DKFZp586C1622

**Official Symbol:** CDYL

**Accession Number(s):** NP\_004815.3; NP\_001137442.1; NP\_001137443.1

**Human GeneID(s):** [9425](#)

**Non-Human GeneID(s):** 12593 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms NP\_004815.3; NP\_001137442.1; NP\_001137443.1). Variants (NP\_001137442.1; NP\_001137443.1) encode the same isoform.

### Immunogen

Peptide with sequence C-SMLKYLQRKIDEF, from the C Terminus of the protein sequence according to NP\_004815.3; NP\_001137442.1; NP\_001137443.1.

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 1:4000.

**Western blot:** Approx 75kDa band observed in Human Testes lysates (calculated MW of 66.5kDa according to NP\_004815.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lahn et al , Proc Natl Acad Sci U S A. 2002 Jun 25;99(13):8707-12; PMID: 12072557). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunising peptide. 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:** Human

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

EB05779 staining (1µg/ml) of Human Testes lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.