



## UK Office

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

## EB07358 - Goat Anti-DISC1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DISC1, disrupted in schizophrenia 1, RP4-730B13.1, KIAA0457

**Official Symbol:** DISC1

**Accession Number(s):** NP\_001012975.1; NP\_061132.2

**Human GeneID(s):** [27185](#)

**Important Comments:** This antibody is expected to recognise isoforms L ( NP\_061132.2) and Lv (NP\_001012975.1) only.

### Immunogen

Peptide with sequence C-HSEDKRKTPKLVLE, from the internal region of the protein sequence according to NP\_001012975.1; NP\_061132.2.

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 1:128000.

**Western blot:** Approx 100kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 93.6kDa according to NP\_001012975.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB07358 (0.1µg/ml) staining of Human Hippocampus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.