

## UK Office

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

## EB07370 - Goat Anti-DSCAM Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DSCAM, Down syndrome cell adhesion molecule, CHD2-42, CHD2-52, human CHD2-52 down syndrome cell adhesion molecule

**Official Symbol:** DSCAM

**Accession Number(s):** NP\_001380.2; NP\_996770.1

**Human GeneID(s):** [1826](#)

**Non-Human GeneID(s):** 13508 (mouse), 171119 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_001380.2 and NP\_996770.1).

### Immunogen

Peptide with sequence C-DSWDSAQRTKDVSPQ, from the internal region of the protein sequence according to NP\_001380.2; NP\_996770.1.

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:** Approx 170kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 174kDa according to NP\_996770.1 ). Recommended concentration: 2-6µg/ml.

### Species Reactivity

**Tested:** Human

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

EB07370 (2µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.