



## UK Office

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

## EB07463 - Goat Anti-Dcdc2a Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Dcdc2a, doublecortin domain containing 2a, Dcdc2, MGC54817, RU2, doublecortin domain containing 2

**Official Symbol:** Dcdc2a

**Accession Number(s):** NP\_808245.1

**Human GeneID(s):** [51473](#)

**Non-Human GeneID(s):** 195208 (mouse), 291130 (rat)

### Immunogen

Peptide with sequence C-PQPLKRKGKKDSN, from the internal region of the protein sequence according to NP\_808245.1.

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:** Approx 28kDa band observed in mouse brain lysates (calculated MW of 41.3kDa according to NP\_808245.1). The observed molecular weight corresponds to findings with EB07059, a product of different design reacting to a different part of the Human protein. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Mouse

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

Staining of mouse brain lysate (35µg protein in RIPA buffer) with A) EB07463 (0.1µg/ml) and B) EB07059.  
Primary incubation was 1 hour. Detected by chemiluminescence.