



## UK Office

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

## EB07059 - Goat Anti-DCDC2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DCDC2, doublecortin domain containing 2, HGNC:18141, KIAA1154, RU2, RU2S, DCDC2A

**Official Symbol:** DCDC2

**Accession Number(s):** NP\_057440.2

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

### Immunogen

Peptide with sequence C-DGEEKANKDAEQKED, from the internal region of the protein sequence according to NP\_057440.2.

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 1:4000.

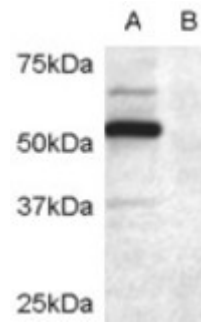
**Western blot:** Full length recombinant human DCDC2 expressed in COS7 (Lane A), non-transfectant COS7 (lane B). Approx 52kDa band observed (calculated MW of 52.8kDa according to NP\_057440.1). Data kindly provided by Wang and LoTurco, University of Connecticut, USA. Recommended concentration 0.1-0.3µg/ml. An anonymous customer found positive results in WB on Mouse brain tissue.

**IHC:** In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in select neurons. Recommended concentration, 5-10µg/ml. An anonymous customer found positive results in IHC on Rat retinal tissue. An anonymous customer found positive results in IHC on Rat dorsal root ganglion.

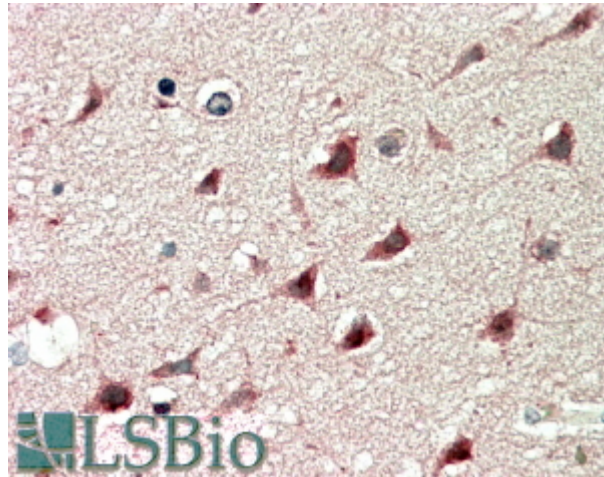
### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Dog, Pig



EB07059 (0.2 $\mu$ g/ml) staining of COS7 cell lysate transfected with full length recombinant human DCDC2 (A) and untransfected control COS7 cells (B). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07059 (5 $\mu$ g/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.