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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-DGEKANKDAEQKED, 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.

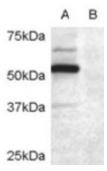
Western blot: Full length recombinant human DCDC2 expressed in COS7 (Lane A), non-transfectant COS7 (lane B). Approx 52kDa band observed (calculated MW of 52.8kDa according to NP_057440.1). Data kindly provided by Wang and LoTurco, University of Connecticut, USA. Recommended concentration 0.1-0.3ug/ml. 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.

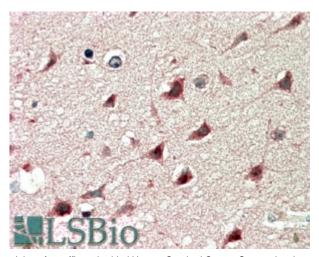
Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Dog, Pig



EB07059 (0.2 μ 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.