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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 GenelD(s): <u>51473</u>

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.

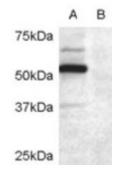
Applications Tested

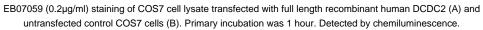
Peptide ELISA: antibody detection limit dilution 1:4000.

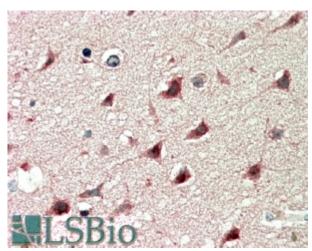
Western blot: Full length recombinant human DCDC2 expressed in COS7 (Lane A), non-transfectant COS7 (lane B). Approx 52kDa band observed (calculated MW of 52.8kDa according to NP_057440.1). Data kindly provided by Wang and LoTurco, University of Connecticut, USA. Recommended concentration 0.1-0.3ug/ml. 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 (5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.