

## Goat anti-Dcdc2a Antibody

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item Number</b>     | dAP-0950                                                                                                                                                                                                                                                                                  |
| <b>Target Molecule</b> | Principle Name: Dcdc2a; Official Symbol: Dcdc2a; All Names and Symbols: Dcdc2a; doublecortin domain containing 2a ; Dcdc2; MGC54817; RU2 ; doublecortin domain containing 2; Accession Number (s): NP_808245.1; Human Gene ID(s): 51473; Non-Human GeneID(s): 195208 (mouse) 291130 (rat) |
| <b>Immunogen</b>       | PQPLKRKGKKDSN, is from internal region                                                                                                                                                                                                                                                    |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Mouse                                                                                                                                                                                                                                                    |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                     |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 32000.                                                                                                                                                                                                                              |
| <b>Western Blot</b>    | 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 Hu                             |
| <b>IHC</b>             |                                                                                                                                                                                                                                                                                           |
| <b>Reference</b>       | Reference(s): McGrath LM, Smith SD, Pennington BF. Breakthroughs in the search for dyslexia candidate genes. Trends Mol Med. 2006 Jul;12(7):333-41. Epub 2006 Jun 16. .PMID: 16781891 ->                                                                                                  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**