



# DCX Antibody, FITC conjugated

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| <b>Product Code</b>        | CSB-PA006576LC01HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Uniprot No.</b>         | O43602                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>           | Recombinant Human Neuronal migration protein doublecortin protein (1-441AA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tested Applications</b> | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Relevance</b>           | Microtubule-associated protein required for initial steps of neuronal dispersion and cortex lamination during cerebral cortex development. May act by competing with the putative neuronal protein kinase DCLK1 in binding to a target protein. May in that way participate in a signaling pathway that is crucial for neuronal interaction before and during migration, possibly as part of a calcium ion-dependent signal transduction pathway. May be part with PAFAH1B1/LIS-1 of overlapping, but distinct, signaling pathways that promote neuronal migration. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Conjugate</b>           | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Alias</b>               | Neuronal migration protein doublecortin (Doublin) (Lissencephalin-X) (Lis-X), DCX, DBCN LISX                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Research Area</b>       | Neuroscience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target Names</b>        | DCX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |