

Doublecortin Polyclonal Antibody

Catalog # AP69588

Product Information

Application WB Primary Accession 043602

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

Additional Information

Other Names DCX; DBCN; LISX; Neuronal migration protein doublecortin; Doublin;

Lissencephalin-X; Lis-X

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

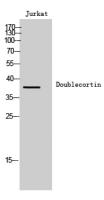
Protein Information

Background

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.

Images

Western Blot analysis of Jurkat cells using Doublecortin Polyclonal Antibody



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