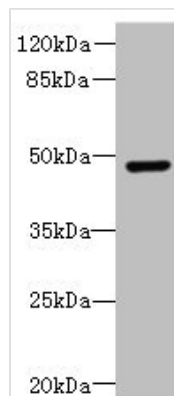




DCX Antibody

Product Code	CSB-PA006576DA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O43602
Immunogen	Recombinant Human Neuronal migration protein doublecortin protein (1-441AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Neuronal migration protein doublecortin (Doublin) (Lissencephalin-X) (Lis-X), DCX, DBCN LISX
Species	Human
Research Area	Neuroscience
Target Names	DCX
Image	



Western blot

All lanes: DCX antibody at 8 μ g/ml + Mouse brain tissue

Secondary

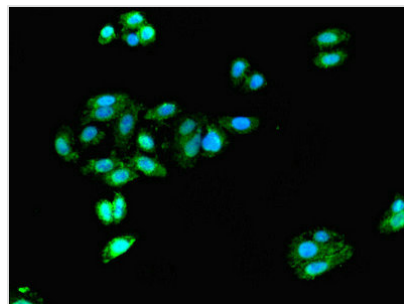
Goat polyclonal to rabbit at 1/10000 dilution

Predicted band size: 49 kDa

Observed band size: 49 kDa



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using CSB-PA006576DA01HU at dilution of 1:100



Immunofluorescent analysis of HepG2 cells using CSB-PA006576DA01HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)