

## DCX antibody

### Product Information

Catalog No.:	FNab02280
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

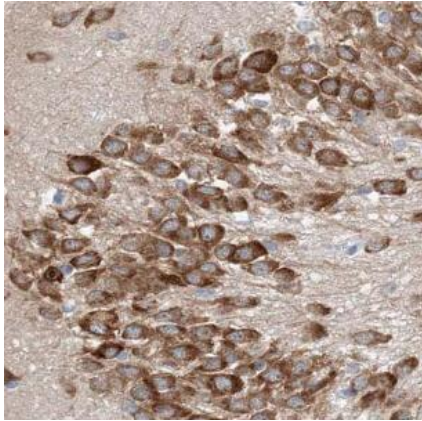
Microtubule-associated protein required for initial steps of neuronal dispersion and cortex lamination during cerebral cortex development. May act by competing with the putative neuronal protein kinase DCLK1 in binding to a target protein. May in that way participate in a signaling pathway that is crucial 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.

### Immunogen information

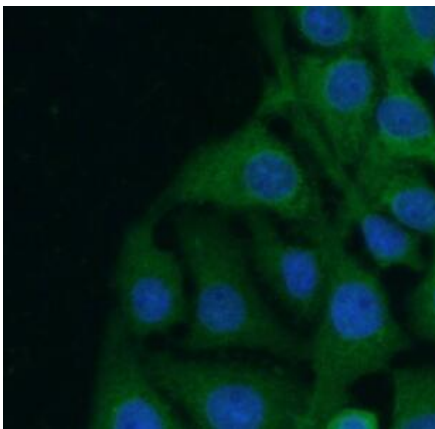
Immunogen:	doublecortin
Synonyms:	DBCN, DC, DCX, doublecortin, Dublin, Lis X, Lissencephalin X, LISX, SCLH, XLIS
Observed MW:	40 kDa
Uniprot ID :	O43602

### Application

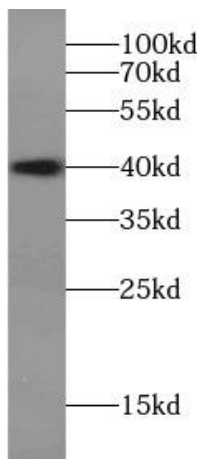
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human gliomas using FNab02280(DCX antibody) at dilution of 1:100



Immunofluorescent analysis of SH-SY5Y cells using FNab02280(DCX antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



human brain tissue were subjected to SDS PAGE followed by western blot with FNab02280(DCX antibody) at dilution of 1:600