

Datasheet for ABIN5689407
anti-Doublecortin antibody (AA 413-417)



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Overview

Quantity:	0.1 mg
Target:	Doublecortin (DCX)
Binding Specificity:	AA 413-417
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Doublecortin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Doublecortin antibody was raised against a peptide sequence around aa.413~417 (P-T-S-P-G) derived from Human Doublecortin.
Specificity:	This antibody detects endogenous level of total Doublecortin protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	Doublecortin (DCX)
Alternative Name:	Doublecortin (DCX Products)
Background:	Seems to be required for initial steps of neuronal dispersion and cortex lamination during cerebral cortex development. May act by competing with the putative neuronal protein kinase DCAMKL1 in binding to a target protein. May in that way participate in a signaling pathway that

Target Details

is crucial for neuronal interaction before and during migration, possibly as part of a calcium ion-dependent signal transduction pathway. May be part with LIS-1 of an overlapping, but distinct, signaling pathways that promote neuronal migration.

Molecular Weight:	40 - 45 kDa
Gene ID:	1641
NCBI Accession:	NP_000546
UniProt:	O43602

Application Details

Application Notes:	Western Blot: 1:500~1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store antibody at -20°C for up to one year.