

Datasheet for ABIN7161380

anti-Doublecortin antibody (AA 108-360) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Doublecortin (DCX)
Binding Specificity:	AA 108-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Doublecortin antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Neuronal migration protein doublecortin protein (108-360AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Doublecortin (DCX)
Alternative Name:	DCX (DCX Products)
Background:	Background: Microtubule-associated protein required for initial steps of neuronal dispersion and cortex lamination during cerebral cortex development. May act by competing with the

Target Details

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.

Aliases: DBCN antibody, Dbct antibody, DC antibody, DCX antibody, DCX_HUMAN antibody, Doublecortex antibody, Dublin antibody, FLJ51296 antibody, Lis X antibody, Lis-X antibody, Lissencephalin X antibody, Lissencephalin-X antibody, Lissencephaly X linked antibody, Lissencephaly X linked doublecortin antibody, LISX antibody, Neuronal migration protein doublecortin antibody, OTTHUMP00000023859 antibody, OTTHUMP00000023860 antibody, OTTHUMP00000216315 antibody, OTTHUMP00000216316 antibody, SCLH antibody, XLIS antibody

UniProt: [O43602](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.