

Rabbit Doublecortin Monoclonal Antibody | anti-DCX antibody

Doublecortin Antibody

CATALOG # AAA312394	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

Doublecortin; Monoclonal Antibody; Doublecortin Antibody; 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; anti-DCX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JJ0959
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DCX antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with Doublecortin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



WB (Western Blot)

Western blot analysis of Doublecortin on human brain lysates using anti-Doublecortin antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DCX antibody

Lissencephaly (smooth brain) is an abnormality of brain development characterized by incomplete neuronal migration and a smooth cerebral surface, resulting in severe mental retardation. Genetic analysis identified two proteins that are mutated in some cases of lissencephaly, designated lissencephaly-1 protein (LIS1) and doublecortin. LIS1 shows sequence homology to beta-subunits of heterotrimeric G proteins. Doublecortin contains a consensus Abl phosphorylation site, and it has some sequence homology to a predicted kinase protein. Both proteins are highly expressed in developing brain, suggesting that they may be involved in a signal transduction pathway that is crucial to brain development.

Product Categories/Family for anti-DCX antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30181246
NCBI GeneID	1641
NCBI Accession #	NP_000546.2
NCBI GenBank Nucleotide #	NM_000555.3
UniProt Accession #	O43602; O43911; Q5JYZ5; A6NFY6; A9Z1V8; D3DUY8; D3DUY9; D3DUZ0
Molecular Weight	49,318 Da
NCBI Official Full Name	neuronal migration protein doublecortin isoform a
NCBI Official Synonym Full Names	doublecortin
NCBI Official Symbol	DCX
NCBI Official Synonym Symbols	DC; DBCN; LISX; SCLH; XLIS
NCBI Protein Information	neuronal migration protein doublecortin; lis-X; doublin; doublecortex; lissencephalin-X
UniProt Protein Name	Neuronal migration protein doublecortin
UniProt Gene Name	DCX
UniProt Synonym Gene Names	DBCN; LISX; Lis-X
UniProt Entry Name	DCX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/doublecortin-antibody-clone-jj0959-flow-cytometry-western-blot-elisa/312394>