Datasheet for ABIN7604620

anti-Doublecortin antibody

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Overview

Quantity:	100 µL
Target:	Doublecortin (DCX)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Doublecortin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-DCX/Doublecortin Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human DCX
Clone:	AOAD-4
Isotype:	IgG
Characteristics:	Anti-DCX/Doublecortin Rabbit Monoclonal Antibody (ABIN7604620). Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	Doublecortin (DCX)
Alternative Name:	DCX (DCX Products)

Target Details

Background:	Synonyms: Neuronal migration protein doublecortin,Doublin,Lissencephalin-X,Lis-X,DCX,DBCN, LISX, Tissue Specificity: Highly expressed in neuronal cells of fetal brain (in the majority of cells of the cortical plate, intermediate zone and ventricular zone), but not expressed in other fetal tissues. In the adult, highly expressed in the brain frontal lobe, but very low expression in other regions of brain, and not detected in heart, placenta, lung, liver, skeletal muscles, kidney and pancreas.
Molecular Weight:	45 kDa
UniProt:	O43602

Application Details

Application Notes:	WB 1:500-1:2000 FC 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.