

Datasheet for ABIN6656058
anti-Doublecortin antibody



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Doublecortin (DCX)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Doublecortin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Doublecortin Antibody
Immunogen:	Anti-Doublecortin Antibody was produced in mice by repeated immunizations with a full length recombinant human Doublecortin protein expressed in and purified from E. coli.
Clone:	3E1
Isotype:	IgG2a
Purification:	Anti-Doublecortin Antibody was purified from tissue culture supernatant by protein G chromatography.
Sterility:	Sterile filtered

Target Details

Target:	Doublecortin (DCX)
---------	--------------------

Target Details

Alternative Name:	Doublecortin (DCX Products)
Background:	Synonyms: Neuronal migration protein doublecortin, Dublin, Lissencephalin-X, Lis-X, DBCN, LISX Background: Doublecortin, or DCX, is a microtubule associated protein that is expressed almost exclusively in very early neuronal development, making it an excellent marker for developing neuronal cells. Defects in the DCX gene lead to X-linked lissencephaly which is characterized by a lack of normal folds on the surface of the brain resulting in a smooth cerebral cortex caused by abnormal migration of neurons during development. Doublecortin Antibody is ideal for researchers interested in neuroscience research. Gene Name: DCX
Gene ID:	1641
NCBI Accession:	NP_000546
UniProt:	O43602

Application Details

Application Notes:	ELISA_Dilution: 1:50,000 Immunohistochemistry_Dilution: 1:1000 Western_Blot_Dilution: 1:5000 Other: ICC: 1:1000
Comment:	Anti-Doublecortin Antibody is tested for Western Blot, immunohistochemistry, and immunocytochemistry, it is specific for the ~35 & 45 kDa doublecortin protein. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store vial at -20° C prior to opening in undiluted aliquots. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
Expiry Date:	12 months