

Datasheet for ABIN6391364
anti-Doublecortin antibody (AA 69-81)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Doublecortin (DCX)
Binding Specificity:	AA 69-81
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Doublecortin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Doublecortin / DCX (aa69-81)
Sequence:	DRSHCQSLRF HQN
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform a (NP_000546.2) only.
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

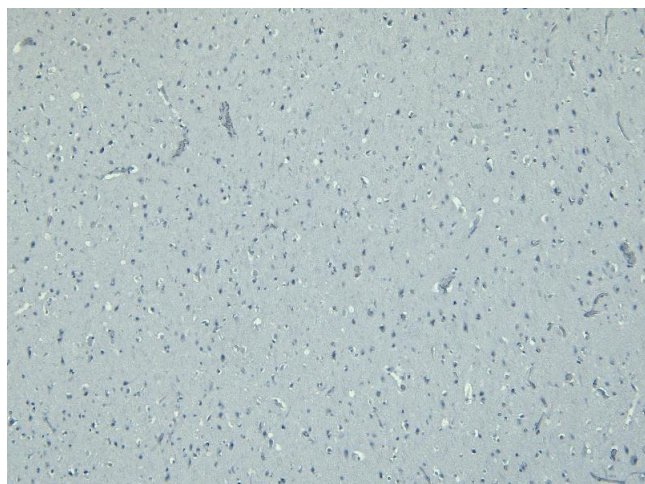
Target:	Doublecortin (DCX)
Alternative Name:	DCX (DCX Products)
Background:	DCX, doublecortin, RP5-914P14.1, DBCN, DC, FLJ51296, LISX, SCLH, XLIS, OTTHUMP00000023860, OTTHUMP00000216316, doublecortex, doublin, lis-X, lissencephalin-X, neuronal migration protein doublecortin
Gene ID:	1641
NCBI Accession:	NP_000546

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HepG2 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of Kelly cells. Recommended concentration: 10ug/m
Restrictions:	For Research Use only

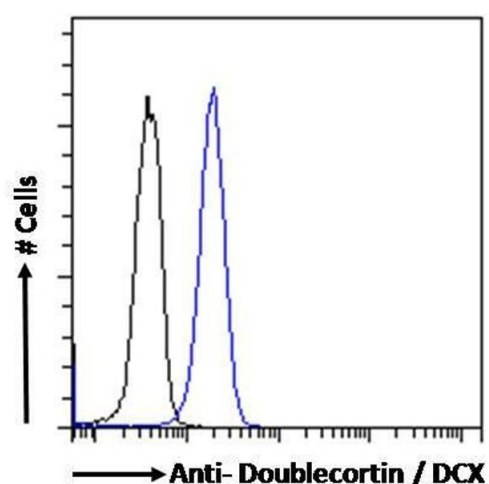
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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 Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



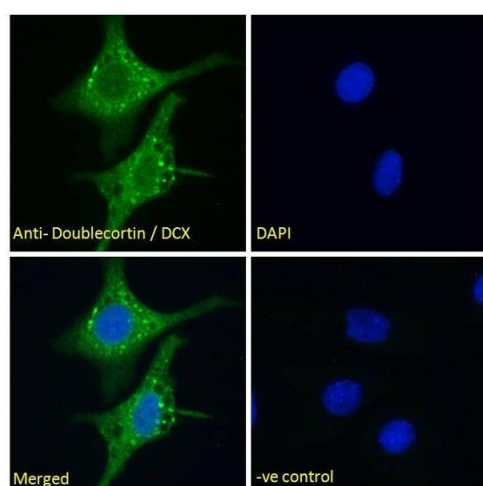
Immunohistochemistry

Image 1. (ABIN6391364) Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



Flow Cytometry

Image 2. ABIN6391364 Flow cytometric analysis of paraformaldehyde fixed Kelly cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunofluorescence

Image 3. (ABIN6391364) Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6391364.