

Goat Doublecortin/DCX Antibody | anti-DCX antibody

Goat Anti-Doublecortin/DCX (aa69-81) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61838	Goat	Human, Mouse Expected from sequence similarity: Human, Cow	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

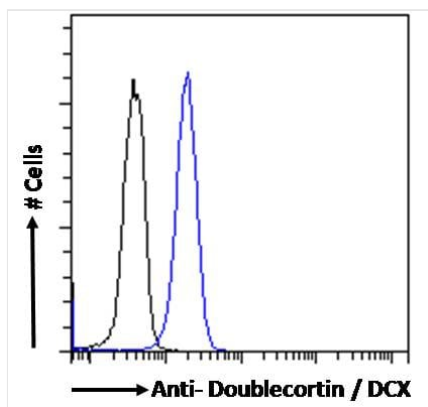
PRODUCT SYNONYMS

Doublecortin/DCX; Goat Anti-Doublecortin/DCX (aa69-81) Antibody; DCX; doublecortin; RP5-914P14.1; DBCN; DC; FLJ51296; LISX; SCLH; XLIS; OTTHUMP00000023860; OTTHUMP00000216316; doublecortex; doublin; lis-X; lissencephalin-X; neuronal migration protein doublecortin; anti-DCX antibody

PRODUCT SPECIFICATIONS

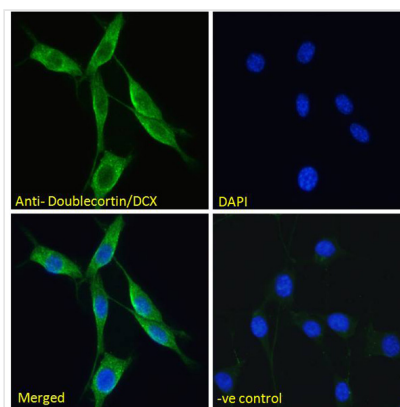
Host	Goat
Reactivity	Human, Mouse Expected from sequence similarity: Human, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	441
Applicable Applications for anti-DCX antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence DRSHCQSLRFHQN, from the internal region of the protein sequence according to NP_000546.2.
Peptide Sequence	DRSHCQSLRFHQN
Epitope	Internal region
Important comments	This antibody is expected to recognize reported isoform a (NP_000546.2) only.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



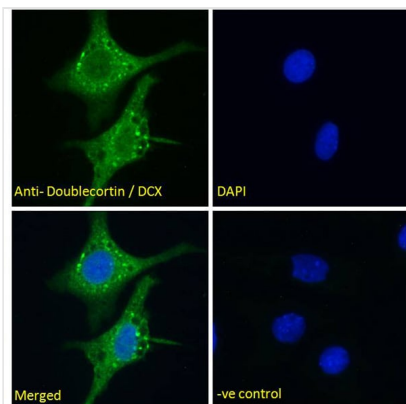
FCM/FACS (Flow Cytometry)

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) fo



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI

ADDITIONAL INFORMATION

References	Evangelisti C, Florian MC, Massimi I, Dominici C, Giannini G, Galardi S, Bu` MC, Massalini S, McDowell HP, Messi E, Gulino A, Farace MG, Ciafr SA.: MiR-128 up-regulation inhibits Reelin and DCX expression and reduces neuroblastoma cell motility and invasiveness. The FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2009 Dec 23 (12): 4276-87. PMID: 19713529
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30181246
NCBI GeneID	1641
NCBI Accession #	NP_000546.2
NCBI GenBank Nucleotide #	NP_000546.2
UniProt Accession #	O43602
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
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/goat-cow-human-mouse-antibody/doublecortin-dcx/61838>