

Doublecortin/DCX Antibody | anti-DCX antibody

Goat anti-Doublecortin/DCX Antibody

CATALOG # AAA61803	REACTIVITY Mouse Expected from sequence similarity: Human, Rat, Dog, Cat	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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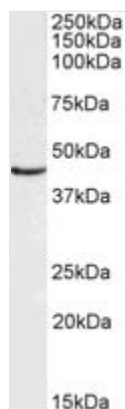
PRODUCT SYNONYMS

Doublecortin/DCX; Goat anti-Doublecortin/DCX Antibody; Goat Anti-Doublecortin (mouse) Antibody; DCX ; doublecortin; lissencephaly; X-linked (doublecortin) ; RP5-914P14.1; DBCN; DC; LISX; SCLH; XLIS ; OTTHUMP00000062892; doublecortin; doublin; lissencephalin-X; anti-DCX antibody

PRODUCT SPECIFICATIONS

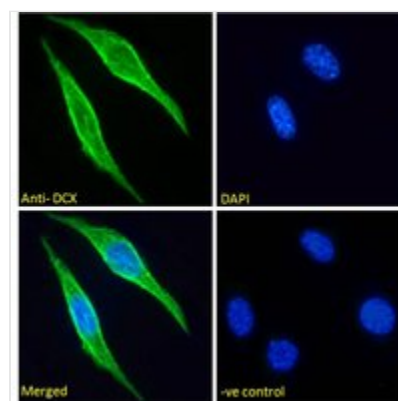
Reactivity	Mouse Expected from sequence similarity: Human, Rat, Dog, Cat
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	441
Applicable Applications for anti-DCX antibody	WB (Western Blot), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen Sequence	Peptide with sequence C-KASPTPQKTSKSPG, from the internal region of the protein sequence according to NP_000546.2; NP_835365.1; NP_835364.1; NP_835366.1.
Peptide Sequence + C	C-KASPTPQKTSKSPG
Epitope	Internal Region
Note	This antibody is expected to recognise isoform a (NP_000546.2), isoform b (NP_835365.1), and isoform c (NP_835364.1 and NP_835366.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

0.003ug/ml staining of Mouse fetal Brain lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	30181246
NCBI GeneID	1641
NCBI Accession #	NP_000546.2; NP_835365.1; NP_835364.1; NP_835366.1; NP_001103692.1
NCBI GenBank Nucleotide #	NM_000555.3
UniProt Accession #	O43602; O43911; Q5JYZ5; A6NFY6; A9Z1V8; D3DUY8; D3DUY9; D3DUZ0
Molecular Weight	40.6kDa
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

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://www.aaabiotech.com/cat-dog-human-mouse-rat-antibody/doublecortex-dcx/61803>