

Doublecortin antibody [N3C3]

Cat. No. GTX107133

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:50-1:200

Not tested in other applications.

Calculated MW 49 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.76 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Doublecortin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

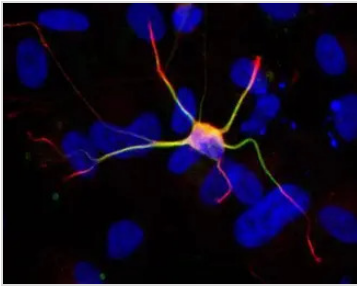
Note

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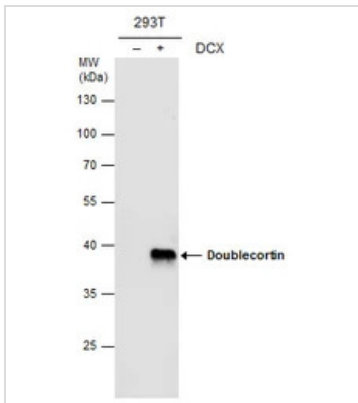
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DATA IMAGES

GTX107133 ICC/IF Image

Immunofluorescent staining of neurons derived from human ESC with a 1:200 dilution of GeneTex anti-doublecortin antibody (GTX107133). Anti-doublecortin antibody (red) colocalizes with anti-MAP2 antibody (green). Image courtesy of Jente Lu, UC Irvine.


GTX107133 WB Image

Doublecortin antibody detects Doublecortin protein by western blot analysis. Non-transfected (-) and Doublecortin-transfected (+,) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Doublecortin antibody (GTX107133) at a dilution of 1:1000.



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