

# Product Datasheet

## Doublecortin Antibody NBP2-69992

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-69992**

## Doublecortin Antibody

| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ug                                   |
| Concentration       | 0.5 mg/ml                                |
| Storage             | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality           | Polyclonal                               |
| Preservative        | 0.02% Sodium Azide                       |
| Isotype             | IgG                                      |
| Purity              | Antigen Affinity-purified                |
| Buffer              | TBS (pH 7.3), 0.5% BSA                   |

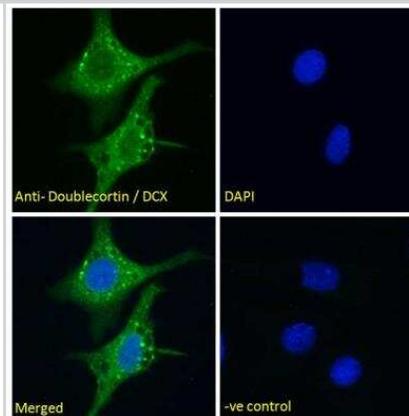
| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Goat Doublecortin Antibody (NBP2-69992) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Goat   |
| Gene ID             | 1641   |
| Gene Symbol         | DCX  |
| Species             | Human  |
| Reactivity Notes    | Expected from sequence similarity: Cow   |
| Immunogen           | Peptide with sequence DRSHCQSLRFHQN, from the internal region of the protein sequence according to NP_000546.2.  |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA                                  |
| Recommended Dilutions       | Flow Cytometry 10 ug/mL, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 6 ug/mL, Peptide ELISA 1:6000 |

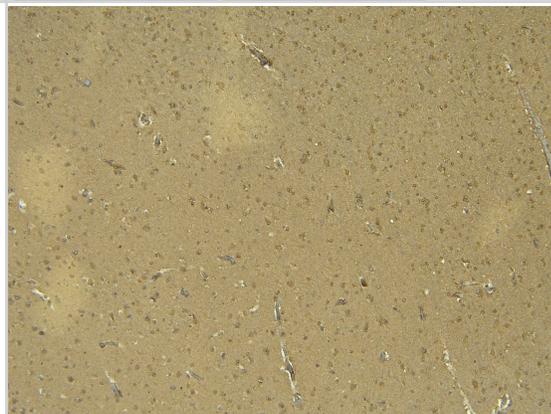


## Images

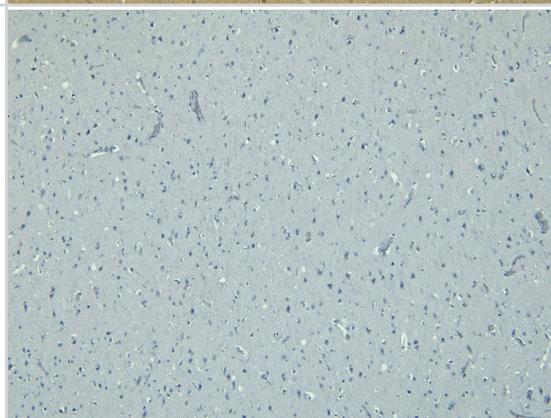
**Immunocytochemistry/Immunofluorescence: Doublecortin Antibody [NBP2-69992]** - Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



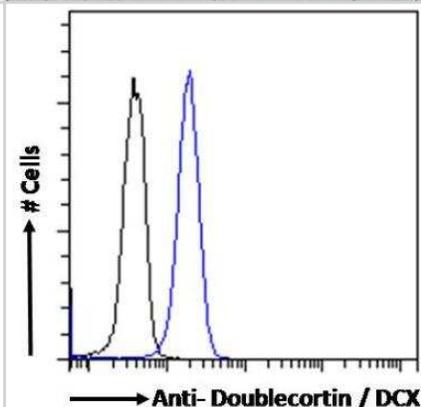
**Immunohistochemistry-Paraffin: Doublecortin Antibody [NBP2-69992]** - (6ug/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



**Immunohistochemistry-Paraffin: Doublecortin Antibody [NBP2-69992]** - Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



**Flow Cytometry: Doublecortin Antibody [NBP2-69992]** - Flow cytometric analysis of paraformaldehyde fixed Kelly cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.





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### Products Related to NBP2-69992

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|                    |  |
|--------------------|--|
| HAF017             | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109             | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg    | Goat IgG Isotype Control   |
| H00001641-P01-10ug | Recombinant Human Doublecortin GST (N-Term) Protein                    |

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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