

For Research Use Only

# CoraLite® Plus 488-conjugated DCX Polyclonal antibody



Catalog Number: CL488-13925

## Basic Information

Catalog Number:

CL488-13925

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4945

GenBank Accession Number:

BC027925

GeneID (NCBI):

1641

UNIPROT ID:

O43602

Full Name:

doublecortin

Calculated MW:

402 aa, 45 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse

Positive Controls:

IF-P: mouse brain tissue,

## Background Information

DCX (Doublecortin) is a microtubule-associated protein that is essential for normal brain development. DCX is expressed in migrating neurons throughout the central and peripheral nervous system during embryonic and postnatal development. Anti-DCX antibodies are widely used for detection of neurogenesis. It's also a common neuron marker since its expression is specific to neurons.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

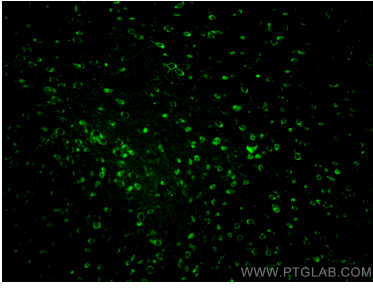
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 DCX antibody (CL488-13925) at dilution of 1:50. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).