

For Research Use Only

CoraLite® Plus 488-conjugated DCX Polyclonal antibody



Catalog Number: **CL488-13925**

Basic Information

Catalog Number: CL488-13925	GenBank Accession Number: BC027925	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1641	Recommended Dilutions: IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: O43602	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: doublecortin	
Immunogen Catalog Number: AG4945	Calculated MW: 402 aa, 45 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse brain tissue,
Species Specificity: human, mouse	

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.

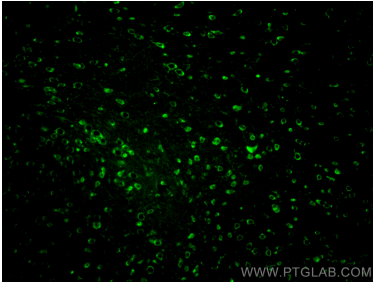
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).