

Nur für Forschungszwecke

# DCX Polyklonaler Antikörper

Katalog-Nr.:13925-1-AP

17 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 13925-1-AP	<b>GenBank-Zugangsnummer:</b> BC027925	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 600 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 1641	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:12000 IHC 1:50-1:500 IF 1:300-1:1200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> doublecortin	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 402 aa, 45 kDa	
<b>Immunogen Katalognummer:</b> AG4945	<b>Beobachtete Masse:</b> 40 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, WB

### Getestete Reaktivität:

Human, Maus

### Zitierte Arten:

Hamster, Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

WB : SH-SY5Y-Zellen, fetales humanes Hirngewebe

IHC : humanes Gliomgewebe, Maushirngewebe, Rattenhirngewebe

IF : Maushirngewebe, SH-SY5Y-Zellen

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Li Cheng	36212696	Front Cell Neurosci	IF
Jia Wang	36499306	Int J Mol Sci	WB,IF
Alison A Chomiak	35601919	iScience	WB

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

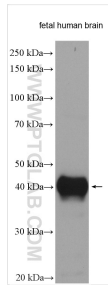
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

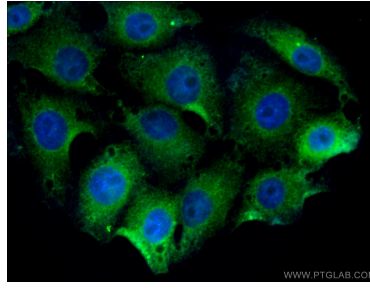
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

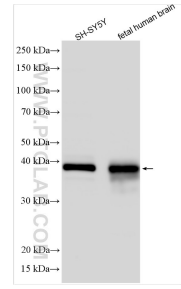
## Ausgewählte Validierungsdaten



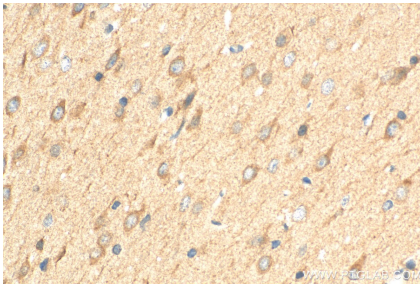
Fetal human brain lysates were subjected to SDS PAGE followed by western blot with 13925-1-AP (DCX antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



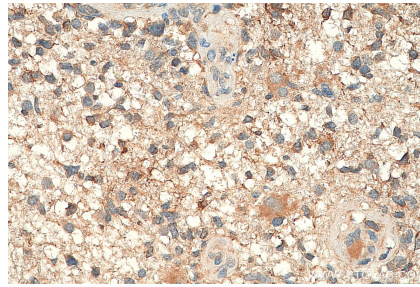
Immunofluorescent analysis of (-20°C Methanol) fixed SH-SY5Y cells using 13925-1-AP (DCX antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



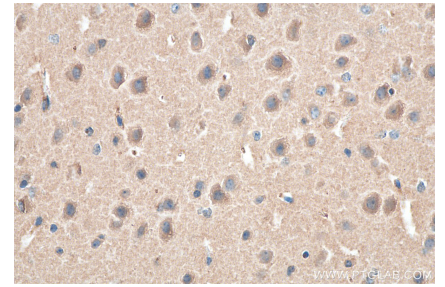
Various lysates were subjected to SDS PAGE followed by western blot with 13925-1-AP (DCX antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



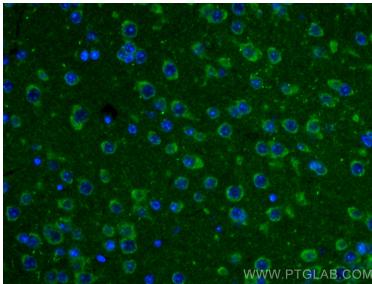
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 13925-1-AP (DCX antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13925-1-AP (DCX antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13925-1-AP (DCX antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using DCX antibody (13925-1-AP) at dilution of 1:600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).