

Nur für Forschungszwecke

# LC8/DYNLL1 Polyklonaler Antikörper



Katalog-Nr.:18130-1-AP

1 Publikationen

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 18130-1-AP	<b>GenBank-Zugangsnummer:</b> BC100289	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 450 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 8655	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> dynein, light chain, LC8-type 1	<b>IHC 1:200-1:800</b> <b>IF 1:200-1:800</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 89 aa, 10 kDa	
<b>Immunogen Katalognummer:</b> AG12710	<b>Beobachtete Masse:</b> 8-10 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC, IF, IHC, IP, WB, ELISA

**In Publikationen genannte Anwendungen:**  
WB

**Getestete Reaktivität:**  
Human, Maus, Ratte

**Zitierte Arten:**  
Human

**Positivkontrollen:**

**WB :** HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, Maus-Cerebellum-Gewebe, Maushirngewebe, Maushodengewebe, MCF-7-Zellen

**IP :** MCF-7-Zellen,

**IHC :** Maushirngewebe, humanes Lebergewebe

**IF :** MCF-7-Zellen,

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

## Hintergrundinformationen

LC8 (also known as DYNLL1) is a homodimeric sequence-specific chaperone that promotes the ordered (typically homo-) oligomerization of more than a hundred protein targets. LC8/DYNLL1 has previously been proposed to function as an inhibitor of the NF-κB pathway, based on findings that it can bind directly to the IκBα regulatory region(PMID: 18579519). LC8/DYNLL1 regulates apoptotic activities of BCL2L11 by sequestering it to microtubules.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ankur A Gholkar	25830415	Cell Cycle	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

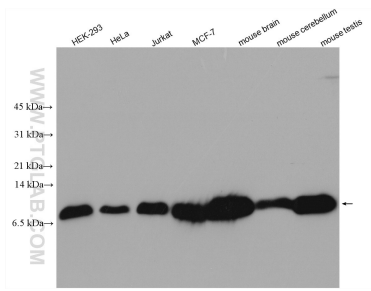
For technical support and original validation data for this product please contact:

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

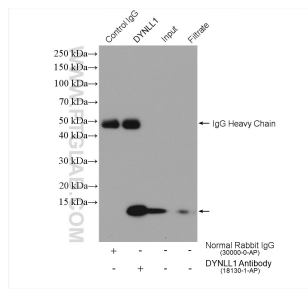
E: proteintech@ptglab.com  
W: ptglab.com

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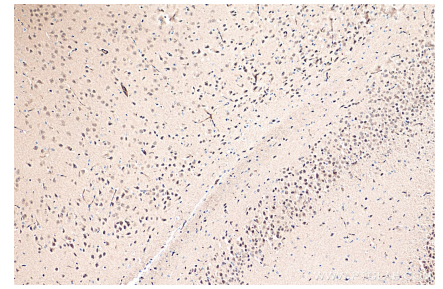
## Ausgewählte Validierungsdaten



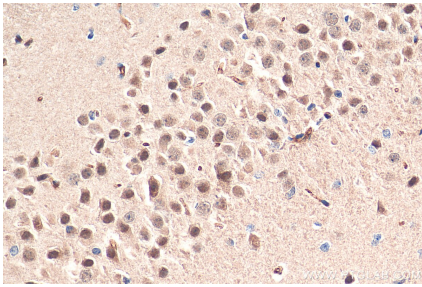
Various lysates were subjected to SDS PAGE followed by western blot with 18130-1-AP (LC8/DYNLL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



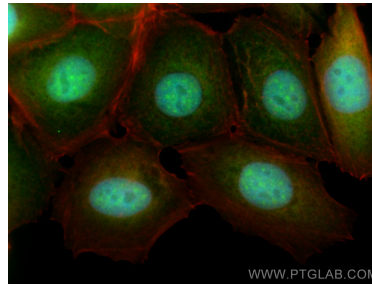
IP result of anti-LC8/DYNLL1(IP:18130-1-AP, 4ug; Detection:18130-1-AP 1:1000) with MCF-7 cells lysate 640 ug.



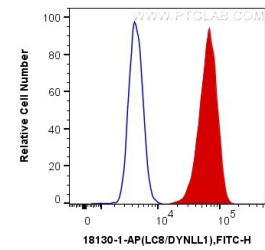
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18130-1-AP (LC8/DYNLL1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18130-1-AP (LC8/DYNLL1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using LC8/DYNLL1 antibody (18130-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.4 ug Anti-Human LC8/DYNLL1 (18130-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).