

Nur für Forschungszwecke

# DNAJC6/AUXILIN Polyklonaler Antikörper



Katalog-Nr.: 21941-1-AP

2 Publikationen

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 21941-1-AP	<b>GenBank-Zugangsnummer:</b> BC109279	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 900 µg/ml von Nanodrop und 520 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 9829	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IP 0.5-4.0 µg für IP und 1:1000-1:4000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 6	<b>IHC 1:20-1:200</b> <b>IF 1:20-1:200</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 970 aa, 106 kDa	
<b>Immunogen Katalognummer:</b> AG16612	<b>Beobachtete Masse:</b> 100-120 kDa, 86 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, IP, WB, ELISA	<b>Positivkontrollen:</b> <b>WB:</b> Maushirngewebe, HeLa-Zellen, humanes Hirngewebe, Maus-Cerebellum-Gewebe, Rattenhirngewebe <b>IP:</b> Maushirngewebe, <b>IHC:</b> humanes Hirngewebe, <b>IF:</b> HeLa-Zellen,
<b>In Publikationen genannte Anwendungen:</b> WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus	

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

## Hintergrundinformationen

DNAJC6, also named AUXILIN, belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. It is a neuronal protein that functions specifically in the pathway of clathrin-mediated endocytosis. It shares homology with GAK, and the two proteins act as cochaperones to support the HSC70-dependent clathrin uncoating of clathrin-coated vesicles (PMID: 2016009). DNAJC6 is expressed in various brain regions, including cerebellum, corpus callosum, cortex, striatum, brainstem, pons, putamen, spinal cord and substantia nigra (PMID: 23211418).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ernes Candiello	29150658	Sci Rep	
Mohamed Alaleem	36077724	Cancers (Basel)	WB

## Lagerung

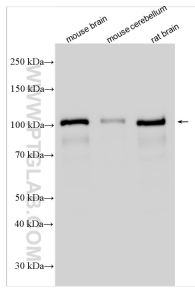
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

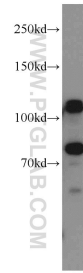
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

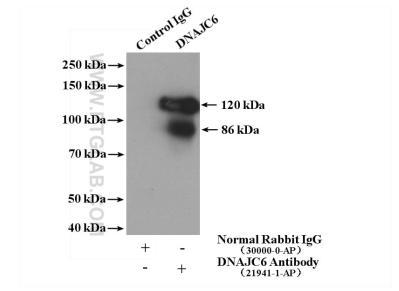
## Ausgewählte Validierungsdaten



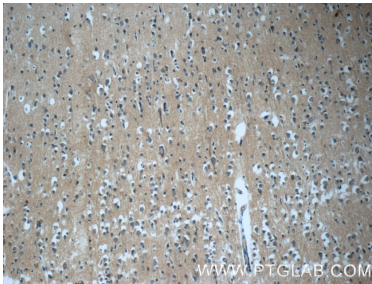
Various lysates were subjected to SDS PAGE followed by western blot with 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



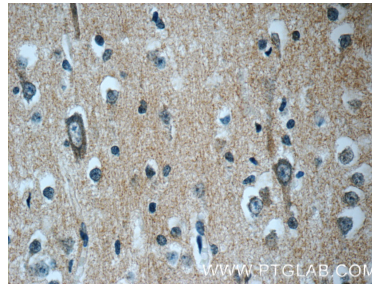
HeLa cells were subjected to SDS PAGE followed by western blot with 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



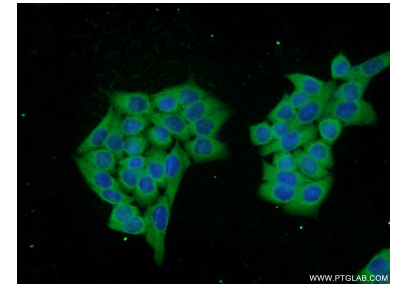
IP result of anti-DNAJC6/AUXILIN (IP:21941-1-AP, 4ug; Detection:21941-1-AP 1:2000) with mouse brain tissue lysate 4000 ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).