

Nur für Forschungszwecke

DNAJB2 Polyklonaler Antikörper

Katalog-Nr.:10838-1-AP

6 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10838-1-AP	GenBank-Zugangsnummer: BC011609	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 1000 µg/ml von3300 Nanodrop;	GeneID (NCBI): DnaJ (Hsp40) homolog, subfamily B, member 2	Empfohlene Verdünnungen: WB 1:1000-1:5000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: DnaJ (Hsp40) homolog, subfamily B, member 2	
Isotyp: IgG	Berechnete Masse: 36 kDa	
Immunogen Katalognummer: AG1271	Beobachtete Masse: 36-40 kDa	

Anwendungen

Geprüfte Anwendungen: IP, WB, ELISA	Positivkontrollen: WB : Mausherzgewebe, A431-Zellen, Maushirngewebe, Maus-Skelettmuskelgewebe, Rattenherzgewebe, Rattenhirngewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	IP: Maushirngewebe,
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

The DNAJB2 (also known as HSP11a, Heat-Shock Protein J1a) is a member of the DNAJ family of molecular chaperones which play important cellular roles in correct protein folding, in the response to protein misfolding, and in the degradation of misfolded proteins. It is expressed principally in the nervous system and is a key player in neuronal proteostasis maintenance. DNAJB2 has been proposed as a potent anti-aggregation chaperone for TDP-43, may play a role in the pathogenesis of ALS. DNAJB2 gene encodes two alternatively-spliced isoforms that differ in their C-terminus. The variant 1 form (V1 or HSP11a) is expressed in both cytoplasm and nucleus, whereas the variant 2 form (V2 or HSP11b) undergoes post-translational geranylgeranylation modification which mediates its attachment to the cytoplasmic side of the endoplasmic reticulum membrane. This antibody detects both isoforms of DNAJB2 with MW between 32-40 kDa. (PMID: 20395441)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Paola Saveri	35286755	Eur J Neurol	WB,IHC
Brian G Drew	24379352	Diabetes	
Mohamed Alalem	36077724	Cancers (Basel)	WB

Lagerung

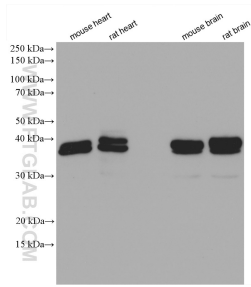
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

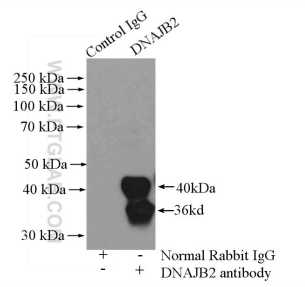
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 10838-1-AP (DNAJB2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP Result of anti-DNAJB2 (IP:10838-1-AP, 4ug; Detection:10838-1-AP 1:1000) with mouse brain tissue lysate 4000ug.