

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DNAJB2



Numéro de catalogue: 10838-1-AP

6 Publications

## Informations de base

Numéro de catalogue:

10838-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1271

Numéro d'acquisition GenBank:

BC011609

Identification du gène (NCBI):

3300

Nom complet:

DnaJ (Hsp40) homolog, subfamily B, member 2

MW calculé

36 kDa

MW observés:

36-40 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:5000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

## Applications

Applications testées:

IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu cardiaque de souris, cellules A431, tissu cardiaque de rat, tissu cérébral de rat, tissu cérébral de souris, tissu de muscle squelettique de souris

IP : tissu cérébral de souris,

## Informations générales

The DNAJB2 (also known as HSP11a, Heat-Shock Protein 11a) 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)

## Publications notables

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

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

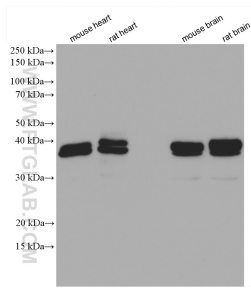
For technical support and original validation data for this product please contact:

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

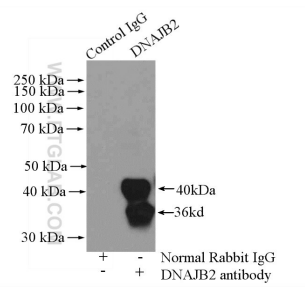
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



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.