

Nur für Forschungszwecke

DNAJC10 Polyklonaler Antikörper

Katalog-Nr.:13101-1-AP

Vorgestelltes Produkt

13 Publikationen



Allgemeine Informationen

Katalog-Nr.:
13101-1-AP

Größe:

150ul , Konzentration: 450 µg/ml von Nanodrop und 280 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:
AG3737

GenBank-Zugangsnummer:

BC034713

GeneID (NCBI):

54431

Vollständiger Name:

DnaJ (Hsp40) homolog, subfamily C, member 10

Berechnete Masse:

793 aa, 91 kDa

Beobachtete Masse:

80-90 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:500-1:2000

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Ratte

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

Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, Mauslebergewebe

IP : HeLa-Zellen,

IHC : humanes Pankreaskarzinomgewebe, humanes Hodengewebe, humanes Magengewebe

IF : HeLa-Zellen,

Hintergrundinformationen

DNAJC10(DnaJ homolog subfamily C member 10)is also named as ERDJ5. The human ER-resident protein (ERdj5) ubiquitously expresses and is abundant in secretory tissues such as pancreas and testis and it may be involved in assisting protein folding and quality control in the ER(PMID:12411443). The deduced 793-amino acid protein has a calculated molecular mass of about 91 kD. ERDJ5 contains an N-terminal hydrophobic sequence, followed by a type III DnaJ domain, 4 thioredoxin-like domains, and a C-terminal KDEL endoplasmic reticulum (ER) retention signal. It can be modified by N-linked glycosylation(PMID:12446677). The ERdj5 antibody displays a higher affinity for endogenous ERdj5u.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yong Huang	32938225	Am J Physiol Cell Physiol	WB
Duc T Tran	32457219	Diabetes	WB
L Montibeller	29725981	Cell Stress Chaperones	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

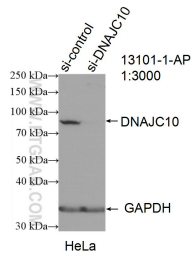
For technical support and original validation data for this product please contact:

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

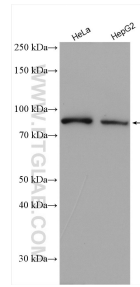
E: proteintech@ptglab.com
W: ptglab.com

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

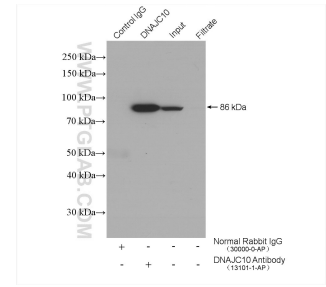
Ausgewählte Validierungsdaten



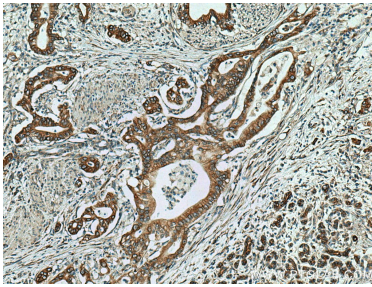
WB result of DNAJC10 antibody (13101-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJC10 transfected HeLa cells.



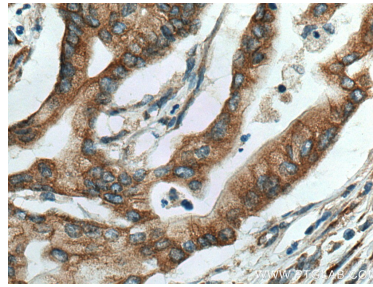
Various lysates were subjected to SDS PAGE followed by western blot with 13101-1-AP (DNAJC10 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



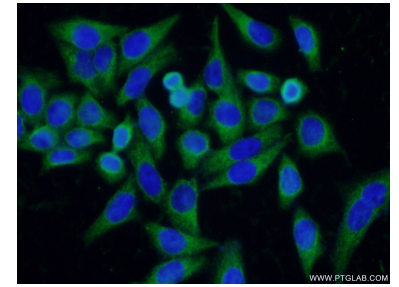
IP result of anti-DNAJC10 (IP:13101-1-AP, 4ug; Detection:13101-1-AP 1:500) with HeLa cells lysate 1600 ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 13101-1-AP (DNAJC10 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 13101-1-AP (DNAJC10 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 13101-1-AP (DNAJC10 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).