

For Research Use Only

DNAJC18 Polyclonal antibody

Catalog Number: 25162-1-AP

Featured Product



Basic Information

Catalog Number:

25162-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18498

GenBank Accession Number:

BC030162

GeneID (NCBI):

202052

UNIPROT ID:

Q9H819

Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 18

Calculated MW:

358 aa, 42 kDa

Observed MW:

39-42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, A431 cells, HepG2 cells

IHC : mouse testis tissue,

IF/ICC : U2OS cells,

Background Information

DnaJC18, also named as DnaJ (Hsp40) homolog, subfamily C, member 21, belongs to Type III DnaJ Family. Type III DnaJ proteins have a J domain but lack the other sequence features that are found in type I and II members of the family. DnaJC18 might play a role in the process of spermatogenesis in adult testis (PMID: 29082339).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

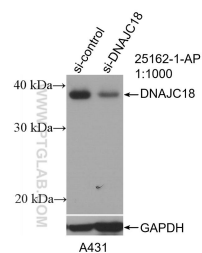
For technical support and original validation data for this product please contact:

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

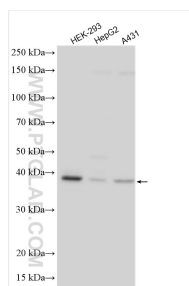
E: proteintech@ptglab.com
W: ptglab.com

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

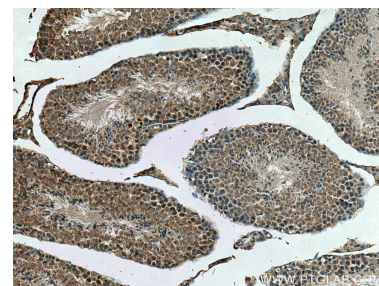
Selected Validation Data



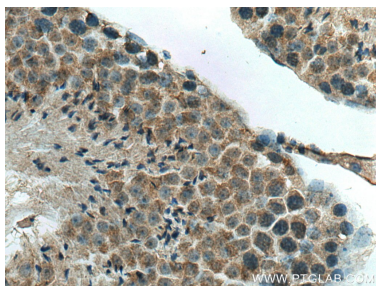
WB result of DNAJC18 antibody (25162-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJC18 transfected A431 cells.



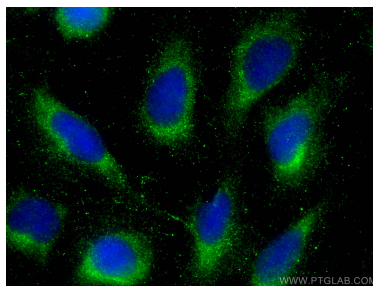
Various lysates were subjected to SDS PAGE followed by western blot with 25162-1-AP (DNAJC18 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



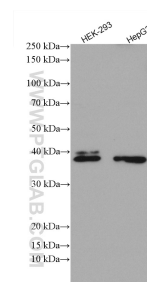
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25162-1-AP (DNAJC18 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25162-1-AP (DNAJC18 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using DNAJC18 antibody (25162-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 25162-1-AP (DNAJC18 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.