

For Research Use Only

DNAJC18 Polyclonal antibody, PBS Only

Catalog Number: 25162-1-PBS

Featured Product



Basic Information

Catalog Number:

25162-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

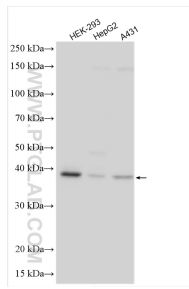
For technical support and original validation data for this product please contact:

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

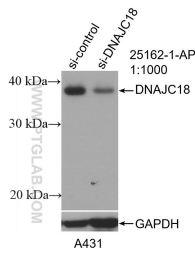
E: proteintech@ptglab.com
W: ptglab.com

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

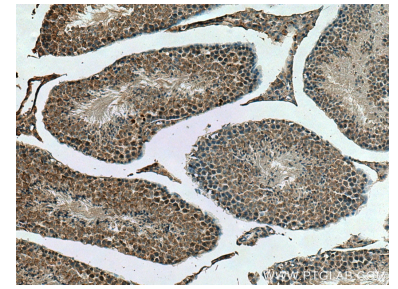
Selected Validation Data



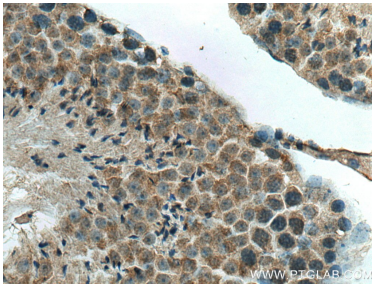
Various lysates were subjected to SDS PAGE followed by western blot with 25162-1-AP (DNAJC18 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25162-1-PBS in a different storage buffer formulation.



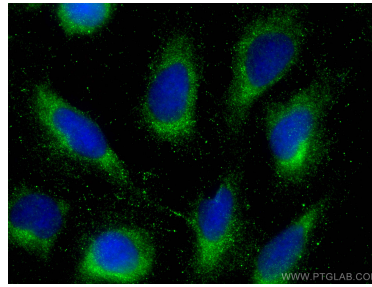
WB result of DNAJC18 antibody (25162-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJC18 transfected A431 cells. This data was developed using the same antibody clone with 25162-1-PBS in a different storage buffer formulation.



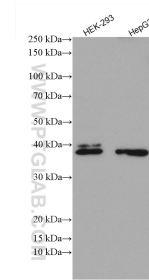
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25162-1-AP (DNAJC18 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25162-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 25162-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using DNAJC18 antibody (25162-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 25162-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 25162-1-PBS in a different storage buffer formulation.