

For Research Use Only

DIS3 Polyclonal antibody, PBS Only

Catalog Number: 29664-1-PBS



Basic Information

Catalog Number:

29664-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31711

GenBank Accession Number:

NM_014953

GeneID (NCBI):

22894

UNIPROT ID:

Q9Y2L1

Full Name:

DIS3 mitotic control homolog (S. cerevisiae)

Calculated MW:

109KD

Observed MW:

110 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

DIS3, also named as KIAA1008 and RRP44, belongs to the ribonuclease II (RNB) family. It is a component of the exosome 3'->5' exoribonuclease complex. DIS3 is required for the 3'-processing of the 7S pre-RNA to the mature nuclear complex. It is also associated with the GTPase Ran. DIS3 has a 3'-5' exonuclease activity.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

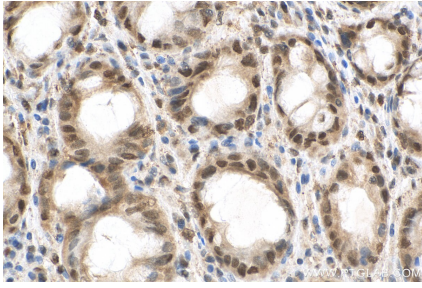
For technical support and original validation data for this product please contact:

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

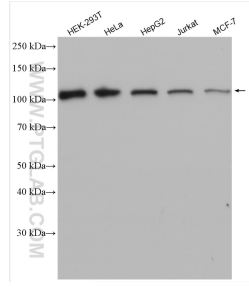
E: proteintech@ptglab.com
W: ptglab.com

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

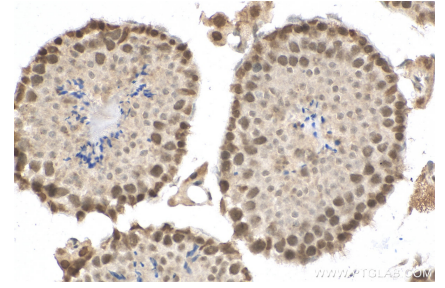
Selected Validation Data



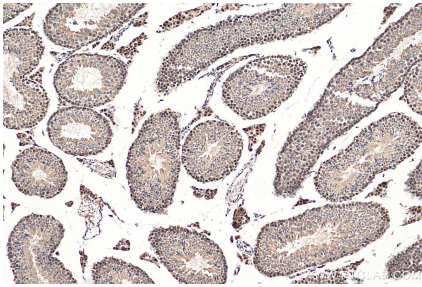
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29664-1-AP (DIS3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29664-1-PBS in a different storage buffer formulation.



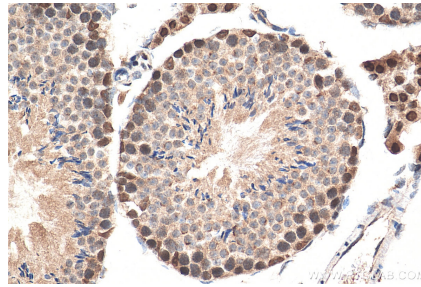
Various lysates were subjected to SDS PAGE followed by western blot with 29664-1-AP (DIS3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29664-1-PBS in a different storage buffer formulation.



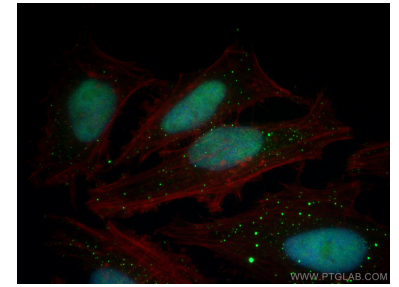
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29664-1-AP (DIS3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29664-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29664-1-AP (DIS3 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 29664-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29664-1-AP (DIS3 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 29664-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DIS3 antibody (29664-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidine (red). This data was developed using the same antibody clone with 29664-1-PBS in a different storage buffer formulation.