

For Research Use Only

# TEX264 Polyclonal antibody, PBS Only

Catalog Number: 25858-1-PBS

Featured Product



## Basic Information

Catalog Number:

25858-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23027

GenBank Accession Number:

BC008742

GeneID (NCBI):

51368

UNIPROT ID:

Q9Y6I9

Full Name:

testis expressed 264

Calculated MW:

313 aa, 34 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

TEX264 (testes expressed gene 264) is a single-pass transmembrane protein, consisting of an N-terminal hydrophobic region, a gyrase inhibitory (GyrI)-like domain, and a loosely structured C terminus. TEX264 was first identified as an endoplasmic reticulum (ER)-resident Atg8-family-binding protein that mediates the degradation of portions of the ER during starvation (i.e., reticulophagy). TEX264 was identified as a cofactor of VCP/p97 ATPase that promotes the repair of covalently trapped TOP1 (DNA topoisomerase 1)-DNA crosslinks.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

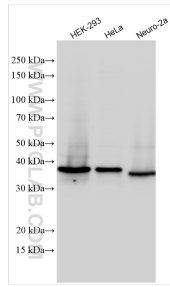
For technical support and original validation data for this product please contact:

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

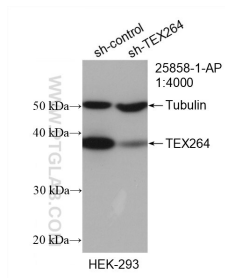
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

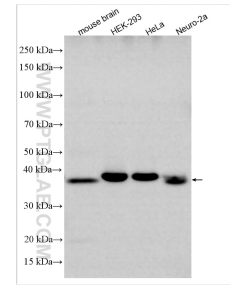
## Selected Validation Data



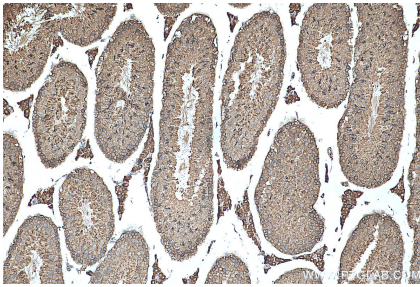
Various lysates were subjected to SDS PAGE followed by western blot with 25858-1-AP (TEX264 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



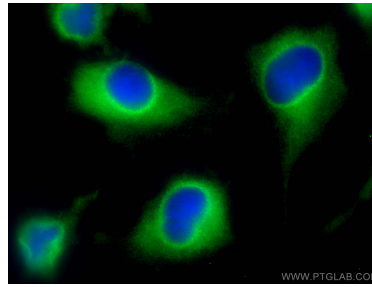
WB result of TEX264 antibody (25858-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TEX264 transfected HEK-293 cells. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



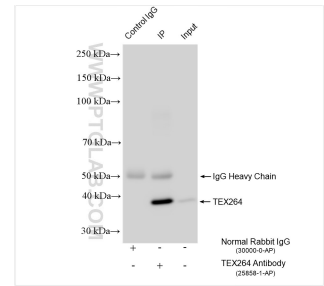
Various lysates were subjected to SDS PAGE followed by western blot with 25858-1-AP (TEX264 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25858-1-AP (TEX264 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 25858-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using TEX264 antibody (25858-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



IP result of anti-TEX264 (IP:25858-1-AP, 4ug; Detection:25858-1-AP 1:3000) with HEK-293 cells lysate 1800 ug. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.