

For Research Use Only

TEX264 Polyclonal antibody, PBS Only

Catalog Number: 25858-1-PBS

Featured Product



Basic Information

Catalog Number:

25858-1-PBS

Concentration:

1 mg/ml

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

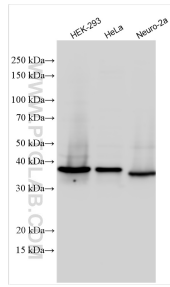
T: 4006900926

E: Proteintech-CN@ptglab.com

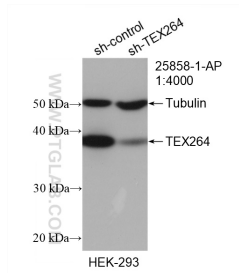
W: ptgcn.com

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

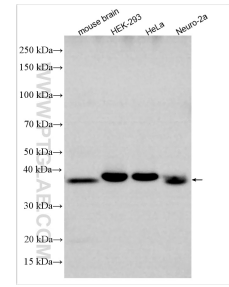
Selected Validation Data



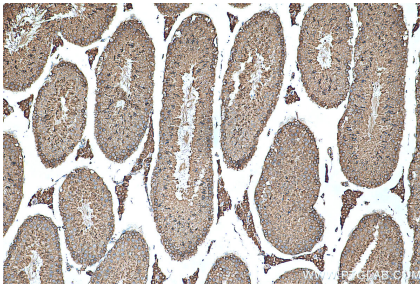
Various lysates were subjected to SDS PAGE followed by western blot with 25858-1-AP (TEX264 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



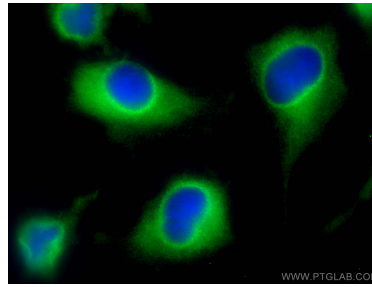
WB result of TEX264 antibody (25858-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TEX264 transfected HEK-293 cells. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



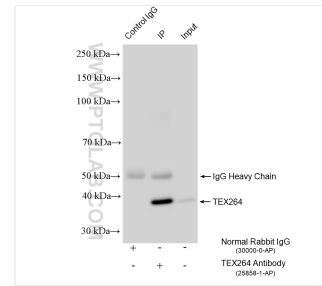
Various lysates were subjected to SDS PAGE followed by western blot with 25858-1-AP (TEX264 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25858-1-PBS in a different storage buffer formulation.



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.