

For Research Use Only

TEX264 Recombinant antibody, PBS Only

Catalog Number: 84946-5-PBS



Basic Information

Catalog Number: 84946-5-PBS	GenBank Accession Number: BC008742	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 51368	CloneNo.: 242500B3
Source: Rabbit	UNIPROT ID: Q9Y6I9	
Isotype: IgG	Full Name: testis expressed 264	
Immunogen Catalog Number: AG23027	Calculated MW: 313 aa, 34 kDa	
	Observed MW: 37-40 kDa	

Applications

Tested Applications:
WB, 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

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

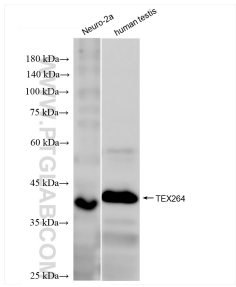
T: 4006900926

E: Proteintech-CN@ptglab.com

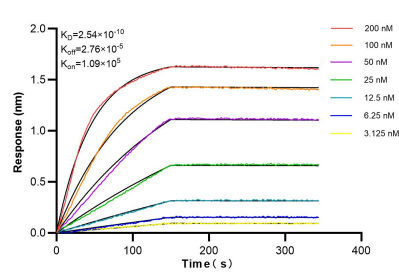
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84946-5-RR (TEX264 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84946-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84946-5-RR against Human TEX264 were performed. The affinity constant is 0.254 nM.