

For Research Use Only

TEX264 Recombinant antibody

Catalog Number: 84946-5-RR



Basic Information

Catalog Number:	84946-5-RR	GenBank Accession Number:	BC008742	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	51368	CloneNo.:	242500B3
Source:	Rabbit	UNIPROT ID:	Q9Y6I9	Recommended Dilutions:	WB 1:1000-1:6000
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, ELISA	Positive Controls:	WB : Neuro-2a cells, human testis tissue
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

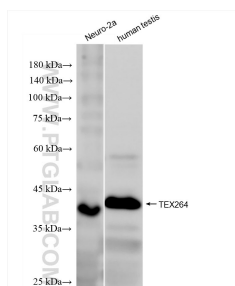
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

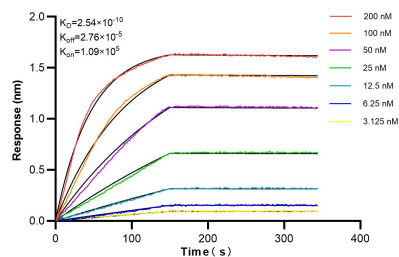
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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.



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