

For Research Use Only

TPR Recombinant antibody

Catalog Number: 83177-5-RR



Basic Information

Catalog Number: 83177-5-RR	GenBank Accession Number: NM_003292	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 7175	CloneNo.: 230413A2
Source: Rabbit	UNIPROT ID: P12270	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: translocated promoter region (to activated MET oncogene)	
	Calculated MW: 267 kDa	
	Observed MW: ~270 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HEK-293 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue,
	IF/ICC : HeLa cells,

Background Information

Nucleoporin TPR was originally identified as the oncogenic activator of the met, raf, and trk protooncogenes. TPR is a large 270 kDa protein with a bipartite structure consisting of a ~1600-residue α -helical coiled-coil N-terminal domain and a highly acidic non-coiled ~800 amino acid carboxy terminus (PMID: 22253824). TPR is localized exclusively to intranuclear filaments associated with the nucleoplasmic side of the NPC, by directly binding to Nup153 (PMID: 12802065).

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

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

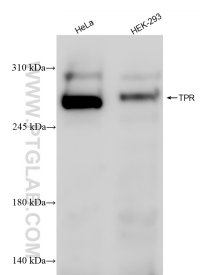
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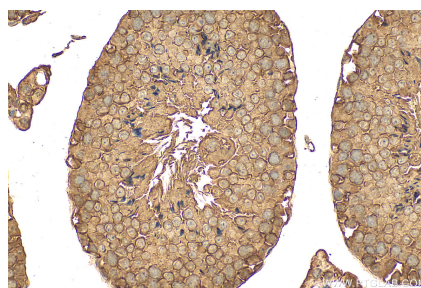
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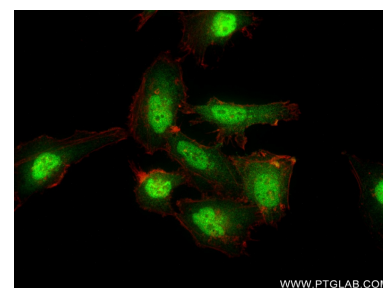
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83177-5-RR (TPR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 83177-5-RR (TPR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TPR antibody (83177-5-RR, Clone: 230413A2) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).