

For Research Use Only

TPR Recombinant antibody, PBS Only

Catalog Number: 83177-5-PBS



Basic Information

Catalog Number:

83177-5-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003292

GeneID (NCBI):

7175

UNIPROT ID:

P12270

Full Name:

translocated promoter region (to activated MET oncogene)

Calculated MW:

267 kDa

Observed MW:

~270 kDa

Purification Method:

Protein A purification

CloneNo.:

230413A2

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS Only

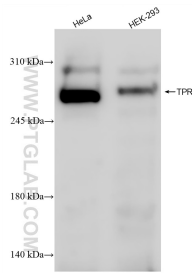
For technical support and original validation data for this product please contact:

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

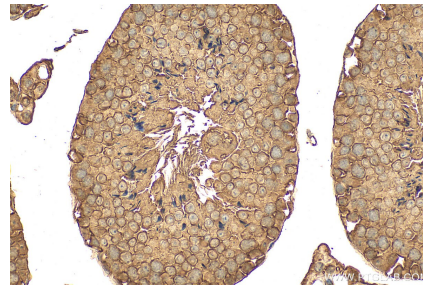
E: proteintech@ptglab.com
W: ptglab.com

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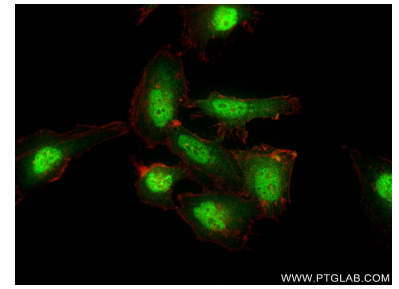
Selected Validation Data



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. This data was developed using the same antibody clone with 83177-5-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83177-5-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83177-5-PBS in a different storage buffer formulation.