

For Research Use Only

TTL12 Polyclonal antibody, PBS Only

Catalog Number: 21447-1-PBS



Basic Information

Catalog Number: 21447-1-PBS	GenBank Accession Number: BC001070	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23170	
Source: Rabbit	UNIPROT ID: Q14166	
Isotype: IgG	Full Name: tubulin tyrosine ligase-like family, member 12	
Immunogen Catalog Number: AG13804	Calculated MW: 644 aa, 74 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
human, mouse

Background Information

TTL12 is a member of the tubulin tyrosine ligase (TTL) family that is highly conserved in phylogeny. TTL12 contains 644 amino acids and has a SET-like domain and a TTL-like domain. TTL12 is involved in the regulation of tubulin and histone modification and is a negative regulator of RNA virus-induced type I interferon. During the cell cycle, Both trimethylation of H4K20 and tubulin detyrosination levels were altered by TTL2 expression (PMID: 23251473).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

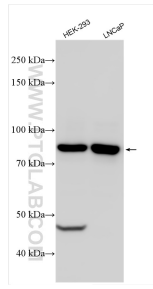
For technical support and original validation data for this product please contact:

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

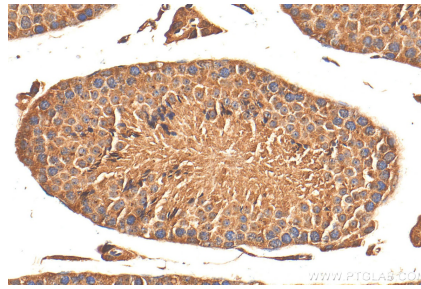
E: proteintech@ptglab.com
W: ptglab.com

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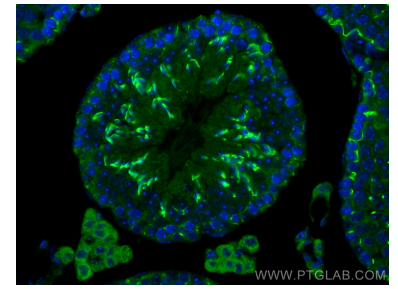
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21447-1-AP (TLL12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21447-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 21447-1-AP (TLL12 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 21447-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using TLL12 antibody (21447-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21447-1-PBS in a different storage buffer formulation.