

For Research Use Only

TTLL12 Polyclonal antibody, PBS Only

Catalog Number: 21447-1-PBS



Basic Information

Catalog Number:

21447-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13804

GenBank Accession Number:

BC001070

GeneID (NCBI):

23170

UNIPROT ID:

Q14166

Full Name:

tubulin tyrosine ligase-like family,
member 12

Calculated MW:

644 aa, 74 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse

Background Information

TTLL12 is a member of the tubulin tyrosine ligase (TTL) family that is highly conserved in phylogeny. TTLL12 contains 644 amino acids and has a SET-like domain and a TTL-like domain. TTLL12 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 TTLL2 expression (PMID: 23251473).

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, pH7.3

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

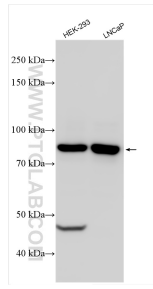
T: 4006900926

E: Proteintech-CN@ptglab.com

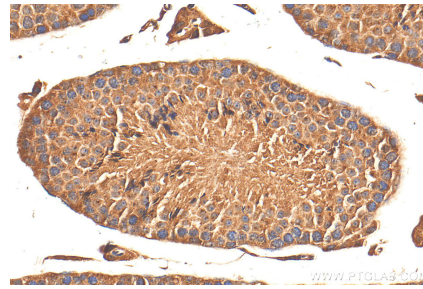
W: ptgcn.com

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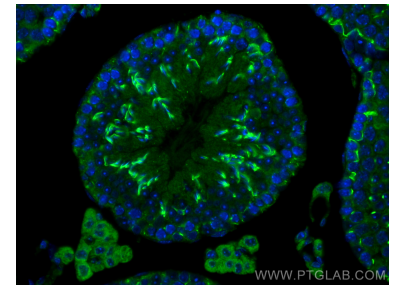
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.