

For Research Use Only

HELLS Polyclonal antibody, PBS Only

Catalog Number: 11955-1-PBS



Basic Information

Catalog Number: 11955-1-PBS	GenBank Accession Number: BC031004	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3070	
Source: Rabbit	UNIPROT ID: Q9NRZ9	
Isotype: IgG	Full Name: helicase, lymphoid-specific	
Immunogen Catalog Number: AG2558	Calculated MW: 348 aa, 40 kDa, 97 kDa	
	Observed MW: 97 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), IP, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Lymphoid-specific helicase(HELLS) is a member of the SNF2 family of chromatin remodeling proteins that is required for development and survival. It's required for de novo or maintenance DNA methylation, which mediated the silencing of the imprinted CDKN1C gene. Also it involved in formation and organization of heterochromatin that regulate transcription and mitosis.

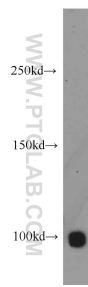
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

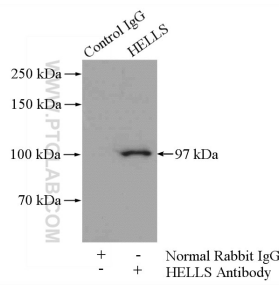
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

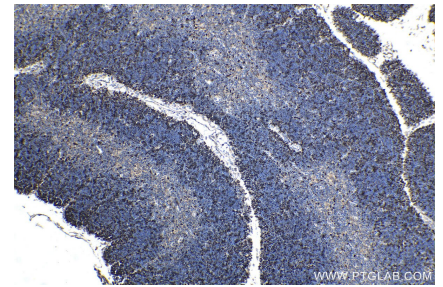
Selected Validation Data



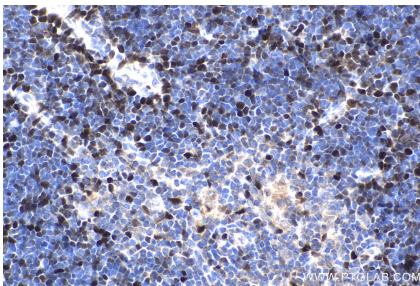
K-562 cells were subjected to SDS PAGE followed by western blot with 11955-1-AP (HELLS antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



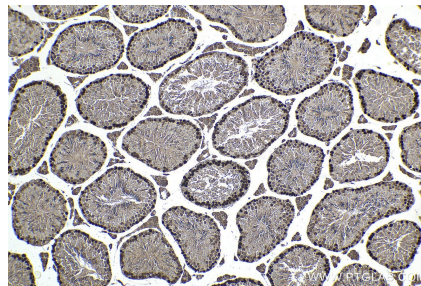
IP result of anti-HELLS (IP:11955-1-AP, 4ug; Detection:11955-1-AP 1:1000) with mouse testis tissue lysate 4000ug. This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



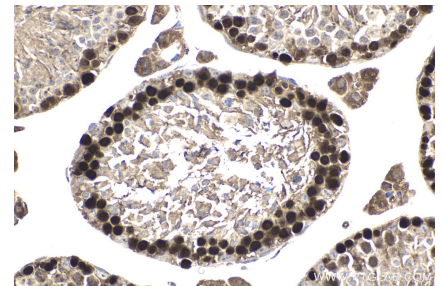
Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



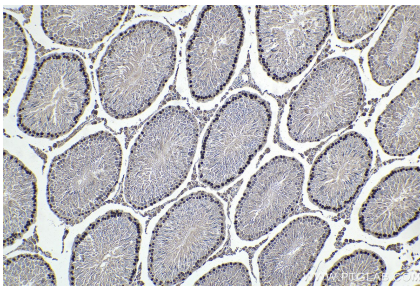
Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



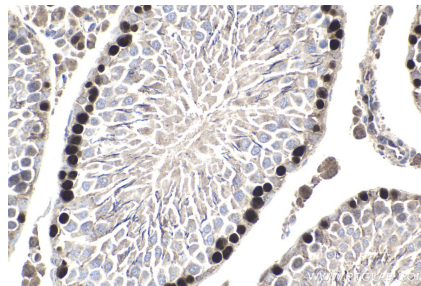
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



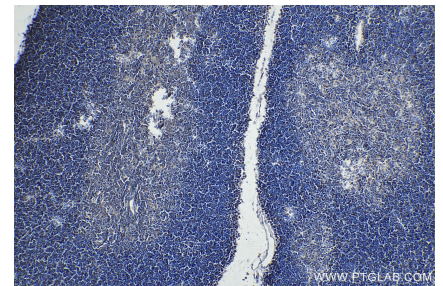
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



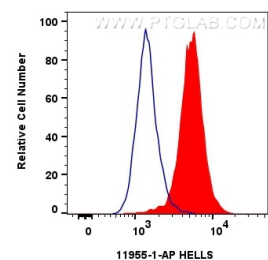
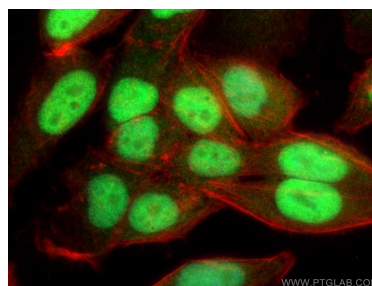
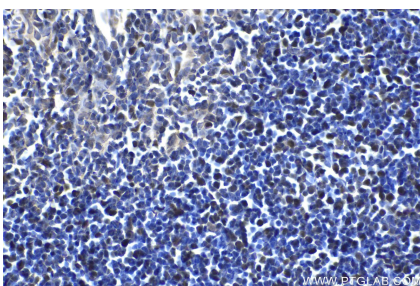
Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat thymus tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat thymus tissue slide using 11955-1-AP (HELLS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HELLS antibody (11955-1-AP) at dilution of 1:400 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 11955-1-PBS in a different storage buffer formulation.

1×10^6 HepG2 cells were intracellularly stained with 0.4 ug HELLS Polyclonal antibody (11955-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 11955-1-PBS in a different storage buffer formulation.