

For Research Use Only

# HELLS Polyclonal antibody

Catalog Number: 11955-1-AP **9 Publications**



## Basic Information

<b>Catalog Number:</b> 11955-1-AP	<b>GenBank Accession Number:</b> BC031004	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3070	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> helicase, lymphoid-specific	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 348 aa, 40 kDa, 97 kDa	
<b>Immunogen Catalog Number:</b> AG2558	<b>Observed MW:</b> 97 kDa	

## Applications

<b>Tested Applications:</b> IF, IP, WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, DU 145 cells, mouse testis tissue, mouse thymus tissue, PC-3 cells IP : mouse testis tissue, IF : HepG2 cells,
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuan Yang	31066149	Cancer Sci	WB
Feng-Jiao Wang	34315468	BMC Med Genomics	WB
Haoyu Wu	27466202	Hum Mol Genet	

## Storage

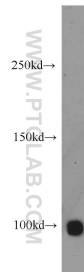
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

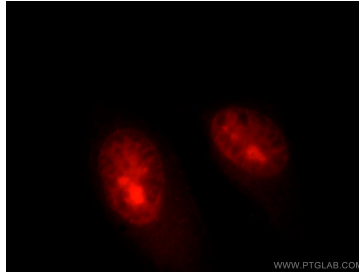
For technical support and original validation data for this product please contact:  
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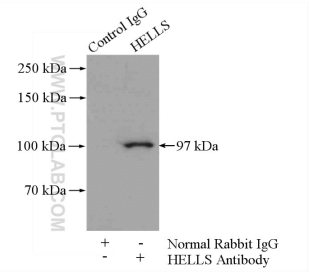
## Selected Validation Data



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.



Immunofluorescent analysis of HepG2 cells, using HELL5 antibody 11955-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-HELL5 (IP:11955-1-AP, 4 $\mu$ g; Detection:11955-1-AP 1:1000) with mouse testis tissue lysate 4000 $\mu$ g.