

## HELLS Polyclonal Antibody

Catalog number: 11955-1-AP

Size: 45 µg/150 µl

Source: Rabbit

Isotype: IgG

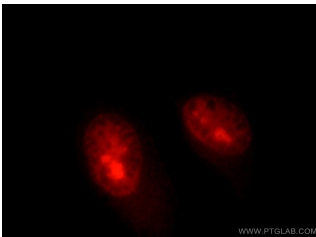
Synonyms:

HELLS; FLJ10339, helicase,

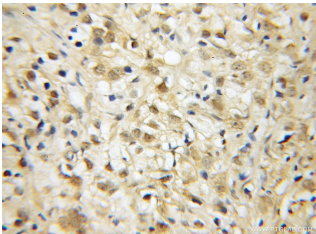
lymphoid, HELLS, LSH,

Lymphoid specific helicase,

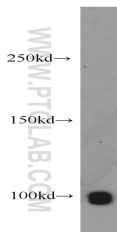
Nbla10143, PASG, SMARCA6



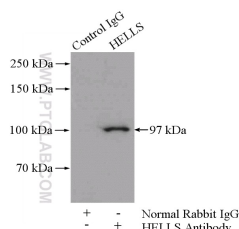
Immunofluorescent analysis of HepG2 cells, using HELLS antibody 11955-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human prostate cancer using 11955-1-AP(HELLS antibody) at dilution of 1:100 (under 10x lens)



K-562 cells were subjected to SDS PAGE followed by western blot with 11955-1-AP(HELLS antibody) at dilution of 1:500



IP Result of anti-HELLS

### Background

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.

### Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated HELLS MW:	348aa, 40 kDa, 97 kDa
Observed HELLS MW:	97kd
Positive WB detected in	K-562 cells, DU 145 cells, mouse testis tissue, mouse thymus tissue, PC-3 cells
Positive IP detected in	Mouse testis tissue
Positive IHC detected in	Human prostate cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2558
GenBank accession number:	BC031004
Gene ID (NCBI):	3070
Full name:	Helicase, lymphoid-specific

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:11955-1-AP, 4ug;  
Detection:11955-1-AP 1:1000)  
with mouse testis tissue lysate  
4000ug.**