

For Research Use Only

# SP100 Polyclonal antibody

Catalog Number: 11377-1-AP

3 Publications



## Basic Information

<b>Catalog Number:</b> 11377-1-AP	<b>GenBank Accession Number:</b> BC011562	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6672	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> SP100 nuclear antigen	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 879 aa, 100 kDa	
<b>Immunogen Catalog Number:</b> AG1939	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, IHC : human ovary tumor tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

SP100 nuclear antigen, belongs to the nuclear bodies(NBs), has a role in the control of gene expression. It contains a HSR domain, which is important for the nuclear body targeting as well as for the dimerization, and one PxVxL motif, which if required for interaction with chromoshadow domains.

## Notable Publications

Author	Pubmed ID	Journal	Application
Alexander S Hahn	27356898	J Virol	
Philipp E Merkl	30670617	MBio	
Florian Full	24453968	PLoS Pathog	WB

## Storage

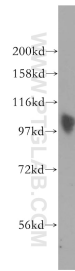
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

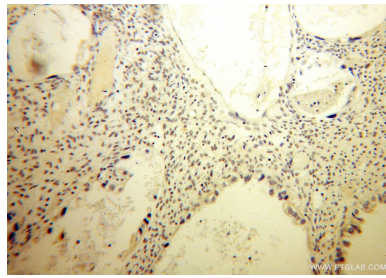
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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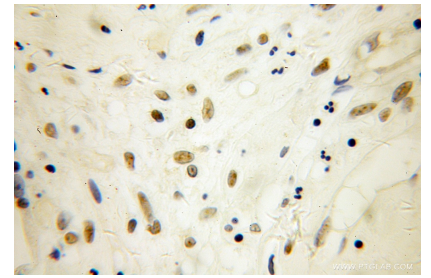
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 11377-1-AP (SP100 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 11377-1-AP (SP100 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 11377-1-AP (SP100 antibody) at dilution of 1:50 (under 40x lens).