

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> 700 µg/ml	<b>GeneID (NCBI):</b> 6672	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P23497	
<b>Isotype:</b> IgG	<b>Full Name:</b> SP100 nuclear antigen	
<b>Immunogen Catalog Number:</b> AG1939	<b>Calculated MW:</b> 879 aa, 100 kDa	
	<b>Observed MW:</b> 70-100 kDa, 110-130 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, IHC : human ovary tumor tissue,
<b>Cited Applications:</b> WB, IF	
<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. Sp100 is an acidic protein that exerts a highly aberrant electrophoretic mobility in SDS-polyacrylamide gel electrophoresis.

## Notable Publications

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

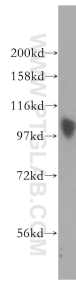
## Storage

**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

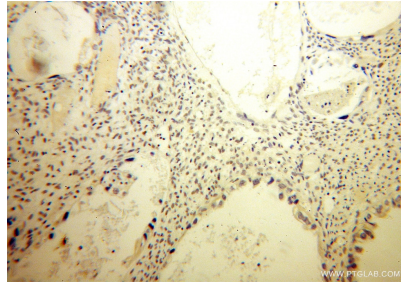
For technical support and original validation data for this product please contact:  
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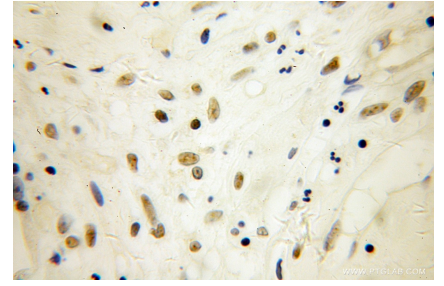
## Selected Validation Data



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).