

Rabbit anti-Human Sp100 Polyclonal Antibody | anti-Sp100 antibody

Polyclonal Antibody to Sp100 Nuclear Antigen (Sp100)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20896	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

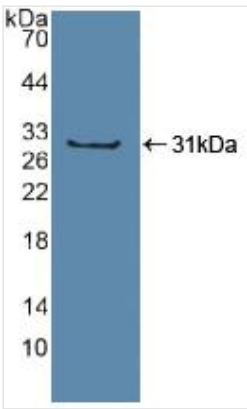
PRODUCT SYNONYMS

Sp100; Polyclonal Antibody; Polyclonal Antibody to Sp100 Nuclear Antigen (Sp100); anti-Sp100 antibody

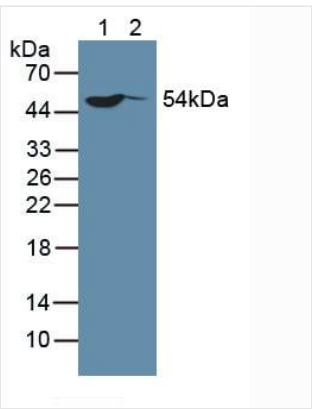
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against Sp100. It has been selected for its ability to recognize Sp100 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence Length	10
Applicable Applications for anti-Sp100 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 1-5ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	Sp100 (Gly610~Lys802)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant Sp100 (Gly610~Lys802) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)
Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: Sp100 knockout Hela cell lysate; Predicted MW: 50,51,53,54,78,100,102kd Observed MW: 50kd Primary Ab: 5ug/ml Rabbit Anti-Human Sp100 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human Hela Cells; Lane2: Human MCF-7 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Sp100 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122939208
NCBI GeneID	6672
NCBI Accession #	NP_001073860.1
NCBI GenBank Nucleotide #	NM_001080391.1
UniProt Accession #	P23497; O75450; Q13343; Q8TE34; Q96F70; Q96T24; Q96T95; B4DDX5; B8ZZD8; E7EUA7; E9PH61; F8WFE2
Molecular Weight	50,032 Da
NCBI Official Full Name	nuclear autoantigen Sp-100 isoform 1
NCBI Official Synonym Full Names	SP100 nuclear antigen
NCBI Official Symbol	SP100
NCBI Official Synonym Symbols	lysp100b
NCBI Protein Information	nuclear autoantigen Sp-100
UniProt Protein Name	Nuclear autoantigen Sp-100
UniProt Gene Name	SP100

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sp100-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20896>