# Rabbit anti-Human SP100 Polyclonal Antibody | anti-SP100 antibody

Anti-SP100 Antibody, Rabbit Polyclonal

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA256205** | **Rabbit** | **Human** | **Immunofluorescence, Immunocytochemistry, Immunohistochemistry** |

## PRODUCT SYNONYMS

SP100; Polyclonal Antibody; Anti-SP100 Antibody; Rabbit Polyclonal; SP100 Antibody; Rabbit PAb; Antigen Affinity Purified; SP100 nuclear antigen; Anti-lysp100b Antibody; anti-SP100 antibody

## PRODUCT SPECIFICATIONS

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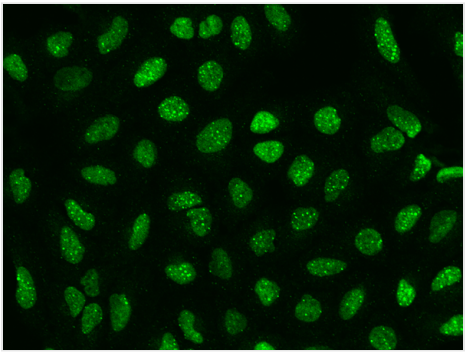
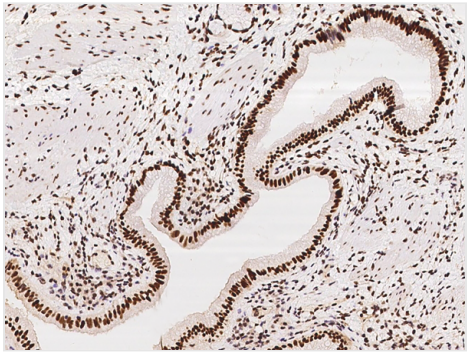
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Specificity** | Human SP100 |
| **Purity/Purification** | Protein A & Antigen Affinity |
| **Form/Format** | Liquid; PBS, pH7.0 with 0.03% Proclin300 |
| **Applicable Applications for anti-SP100 antibody** | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry) |
| **Immunogen** | E Coli-derived Human SP100 fragment |
| **Conjugation** | Unconjugated |
| **Preparation** | Produced in rabbits immunized with E Coli-derived Human SP100 fragment, and purified by antigen affinity chromatography. |
| **Preparation and Storage** | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. |

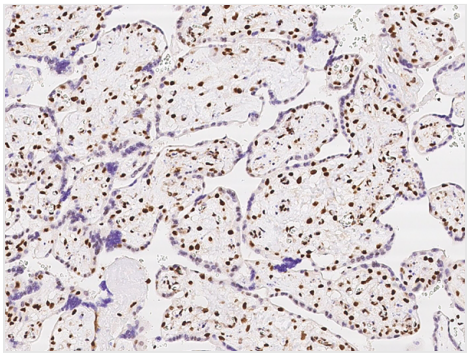
## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence staining of SP100 in U2OS cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human SP100 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



**IHC (Immunohiostchemistry)**
Immunochemical staining of human SP100 in human gallbladder with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



**IHC (Immunohistochemistry)**
Immunochemical staining of human SP100 in human placenta with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-SP100 antibody** | SP100 is a member of the promyelocytic leukemia nuclear bodies. SP100 was first identified as a nuclear autoimmune antigen and is a constituent of the nuclear body. ETS1 activity is negatively modulated by SP100 in endothelial cells. SP100 directly antagonizes ETS1-mediated morphological changes in human umbilical vein endothelial cell (HUVEC) network formation and reduces HUVEC migration and invasion. Expression of SP100 inhibits the invasion of breast cancer cells and is induced by Interferon-alpha, which has been shown to inhibit the invasion of cancer cells. |

**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://stage.aaabiotech.com/polyclonal/sp100-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256205