

## **Product datasheet for TA363743**

## **Sp100 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Reactivity: Mouse Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the C terminal region of mouse Immunogen:

SP100

Specificity: **Expected reactivity**: Mouse

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

**Purification:** Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

**Predicted Protein Size:** 53 kDa

Gene Name: nuclear antigen Sp100

Database Link: NP 001300641.1

Entrez Gene 20684 Mouse

035892



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



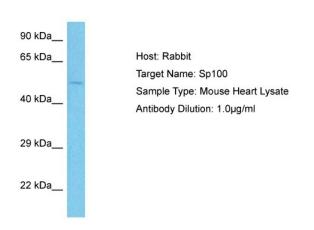
Background:

Together with PML, this tumor suppressor is a major constituent of the PML bodies, a subnuclear organelle involved in a large number of physiological processes including cell growth, differentiation and apoptosis. Functions as a transcriptional coactivator of ETS1 and ETS2. Under certain conditions, it may also act as a corepressor of ETS1 preventing its binding to DNA. Through the regulation of ETS1 it may play a role in angiogenesis, controlling endothelial cell motility and invasion. Through interaction with the MRN complex it may be involved in the regulation of telomeres lengthening. May also regulate TP53-mediated transcription and through CASP8AP2, regulate FAS-mediated apoptosis. May also play a role in infection by viruses through mechanisms that may involve chromatin and/or transcriptional regulation (By similarity).

Synonyms:

DKFZp686E07254; FLJ00340; FLJ34579; Lysp100b

## **Product images:**



Host: Rabbit Target Name: SP100

Sample Tissue: Mouse Heart lysates

Antibody Dilution: 1ug/ml