

SP100

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 100kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SP100

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

f

Synonym:

lysp100b;

Catalog #: A5851

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6672

Isotype: IgG

Swiss Prot: P23497

Purity: Affinity purification

For research use only.

Background:

This gene encodes a subnuclear organelle and major component of the PML (promyelocytic leukemia)-SP100 nuclear bodies. PML and SP100 are covalently modified by the SUMO-1 modifier, which is considered crucial to nuclear body interactions. The encoded protein binds heterochromatin proteins and is thought to play a role in tumorigenesis, immunity, and gene regulation. Alternatively spliced variants have been identified for this gene; one of which encodes a high-mobility group protein.

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