

SUMO2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

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

Calculated MW: 11kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SUMO2

Storage Buffer:

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

Concentration:

hop

Synonym:

HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2;

Catalog #: A2571

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6613

Isotype: IgG

Swiss Prot: P61956

Purity: Affinity purification

For research use only.

Background:

This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

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