

## 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:**

100µg/ml

**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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