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# SUMO1 Polyclonal Antibody

**Cat #:** G-AB-05933

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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 four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized.

**Gene ID:**

**Accession #:**

**Immunogen:** Synthesized peptide derived from the N-terminal region of human SUMO-1

**Conjugation:** Unconjugated

**Swissprot:** P63165

**Calculated Molecular Weight:** 12 kDa

**Observed Molecular Weight:** 12 kDa

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC-p,IF,ELISA

**Dilution:** WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:20000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.