

**RABBIT ANTI-SUMO1
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3875
LOT NUMBER:	
QUANTITY:	100 µg
CONCENTRATION:	250 µg/mL
SPECIFICITY:	Recognizes human SUMO1 (small ubiquitin-like modifier), also known as Sentrin. SUMO has been shown to bind and regulate mammalian SP-RINGS (such as Mdm2, PIAS, and PML), RanGAP1, RanBP2, p53, p73, HIPK2, TEL, c-Jun, Fas, Daxx, TNFR1, Topo-I, Topo-II, WRN, Sp100, IκB-alpha, Androgen receptor (AR), GLUT1/4, Drosophila Ttk69, Dorsal, CaMK, yeast Septins, and viral CMV-IE1/2, EBV-BZLF1, HPV/BPV-E1. These bindings implicate SUMO in the stabilization of the target proteins and/or their localization to subcellular complexes.
IMMUNOGEN:	Synthetic peptide corresponding to the N-terminal region of human SUMO1.
HOST:	Rabbit
APPLICATIONS:	Western blot: 1:500 (12 kDa) ELISA: 1:1,000 Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Human.
FORMAT:	Protein G purified immunoglobulin
PRESENTATION:	Liquid in PBS with 0.09% sodium azide.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to one year from date of receipt.
REFERENCES:	Muller S, <i>et al.</i> (2001) <i>Nat Rev Mol Cell Biol.</i> 2(3) :202-10. Review. Hochstrasser M. (2001) <i>Cell.</i> 107(1) :5-8. Review. Kahyo T, <i>et al.</i> (2001) <i>Mol Cell.</i> 8(3) :713-8. Yeh ET, <i>et al.</i> (2000) <i>Gene.</i> 248(1-2) :1-14. Review. Keane, M.M., <i>et al.</i> (1999) <i>Oncogene</i> 18(22) :3365-3375.

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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