



RABBIT ANTI-SUMO1 POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB3875	QUANTITY:	100 µg
LOT NUMBER:		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, TNFRI, 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 REACTIVITY:	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.		

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.

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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