



Rabbit Anti-Human SUMO2/SUMO3 monoclonal antibody, clone K.889.3 (CABT-L1616)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is not cross-reactive with recombinant SUMO-1.
Target	SUMO2
Immunogen	Synthetic peptide from the amino terminus of human SUMO-3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	K.889.3
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction SUMO proteins, such as SUMO3, and ubiquitin posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability.

Keywords SUMO2;small ubiquitin-like modifier 2;HSMT3;SMT3B;SUMO3;Smt3A;SMT3H2;small ubiquitin-related modifier 2;sentrin 2;SMT3 homolog 2;ubiquitin-like protein SMT3A;ubiquitin-like protein SMT3B;SMT3 suppressor of mif two 3 homolog 2

GENE INFORMATION

Entrez Gene ID [6613](#)

UniProt ID [P61956](#)
