



# Rabbit Anti-Human SUMO3 monoclonal antibody, clone 2I0M28 (CABT-L1617)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with chimpanzee and Rhesus monkey based on sequence homology.
<b>Target</b>	SUMO3
<b>Immunogen</b>	A peptide corresponding to amino acids 91-103 of P55854.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	2I0M28
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, ICC, IHC-P, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

# BACKGROUND

Introduction	Small ubiquitin-related modifier proteins are members of the ubiquitin-like protein family. SUMO-3 regulates Amyloid beta generation and may be critical in the onset or progression of Alzheimer's disease. SUMO-2/3 forms poly-. SUMO-1, 2, and 3 proteins localize to the nuclear membrane, nuclear bodies, and cytoplasm, respectively. SUMOylation is essential for mammalian cell cycle regulation, SUMO-2/3 localizes to centromeres and condensed chromosomes where binds CENP-E.
Keywords	SUMO3;small ubiquitin-like modifier 3;SMT3A;Smt3B;SMT3H1;SUMO-3;small ubiquitin-related modifier 3;ubiquitin-like protein SMT3B;SMT3 suppressor of mif two 3 homolog 1;SMT3 suppressor of mif two 3 homolog 3