



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

Specificity	This antibody is predicted to react with chimpanzee and Rhesus monkey based on sequence homology.
Target	SUMO3
Immunogen	A peptide corresponding to amino acids 91-103 of P55854.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	2I0M28
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IHC-P, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	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