

Datasheet for ABIN1449280
anti-SUMO2 antibody



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3 Images

Overview

Quantity:	0.1 mg
Target:	SUMO2
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SUMO2 antibody is un-conjugated
Application:	Please inquire

Product Details

Immunogen:	Recombinant full-length human SUMO-2
Clone:	1-00E-007
Isotype:	IgG2b
Specificity:	This antibody reacts with SUMO-2/3 (15 kDa) but not react with SUMO-1 (15~17 kDa) on Western blot.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat
Purification:	Protein A agarose

Target Details

Target:	SUMO2
Alternative Name:	SUMO2 (SUMO2 Products)

Target Details

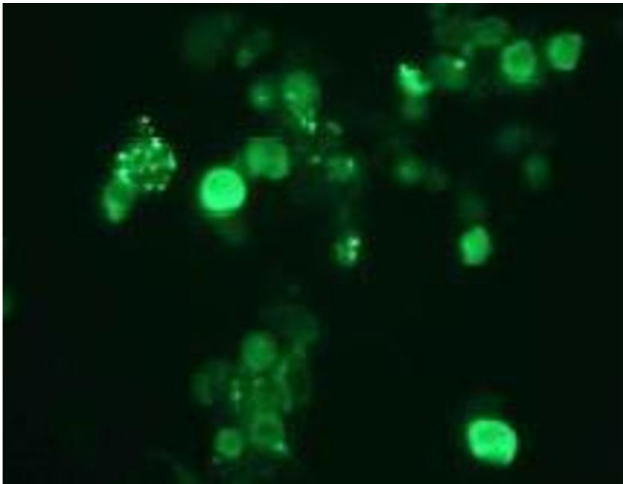
Background:	Sumoylation, the covalent attachment of a small ubiquitin-like modifier (SUMO) peptide to lysine residues of targeted substrate, has recently emerged as an important mechanism in transcriptional control. In humans and mice, the SUMO family consists of three members, SUMO-1, -2, and -3. SUMO-2 (SMT3A, Sentrin-3) and SUMO-3 (SMT3B, Sentrin-2) are similar (~95 % identical), but less closely related to SUMO-1 (~50 % identical). Whereas many proteins modified by SUMO-1 were identified, many as yet unidentified proteins are modified by SUMO-2/3 after exposure of cells to various stress stimuli.Synonyms: HSMT3, SMT3 homolog 2, SMT3A, SMT3H2, SUMO-3, Sentrin-2, Small ubiquitin-related modifier 2, Smt3A, Ubiquitin-like protein SMT3A
Gene ID:	6613
NCBI Accession:	NP_001005849
UniProt:	P61956
Pathways:	Methionine Biosynthetic Process

Application Details

Restrictions:	For Research Use only
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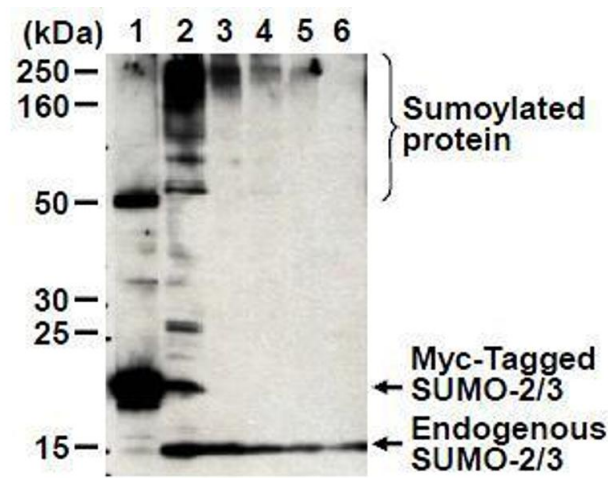
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.



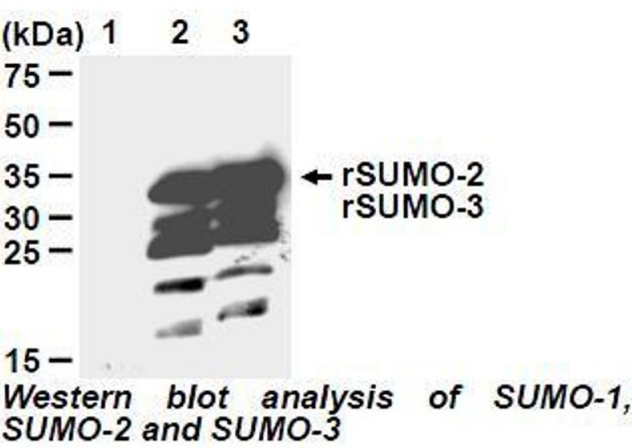
Immunofluorescence

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3.