Summary

Production Name	SUMO1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	SUMO1
Alternative Names	SUMO1; SMT3C; SMT3H3; UBL1; OK/SW-cl.43; Small ubiquitin-related modifier 1; SUMO-1; GAP-modifying protein 1; GMP1; SMT3 homolog 3; Sentrin; Ubiquitin-homology domain protein PIC1; Ubiquitin-like protein SMT3C; Smt3C; Ubiquitin-like protein
Gene ID	7341
SwissProt ID	P63165.

Application

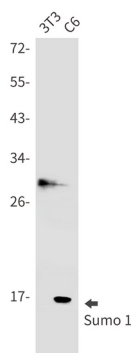|	
Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Refer to figures

Background

SUMO1 Ubiquitin-like protein which can be covalently attached to target lysines as a monomer. Does not seem to be involved in protein degradation and may function as an antagonist of ubiquitin in the degradation process. Plays a role in a number of cellular processes such as nuclear transport, DNA replication and repair, mitosis and signal transduction.
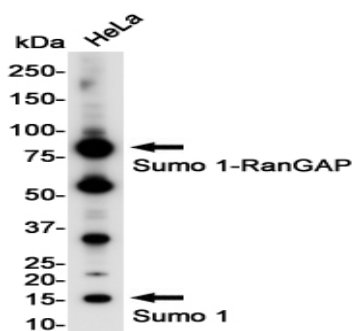
Research Area
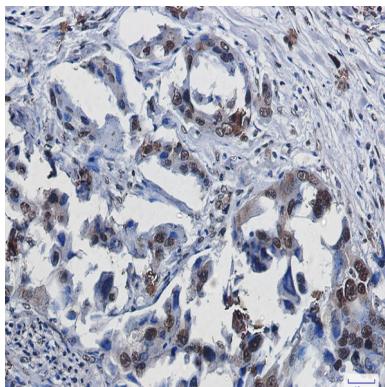
Cell Biology

Image Data

Western blot analysis of Sumo 1 in 3T3, C6 lysates using SUMO1 antibody.

Western blot analysis of Sumo 1 in Hela lysates using Sumo 1 antibody.

EnkiLife

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Sumo 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.