SUMO3 Antibody

Catalog No: #25118

Orders: order@signalwayantibody.com
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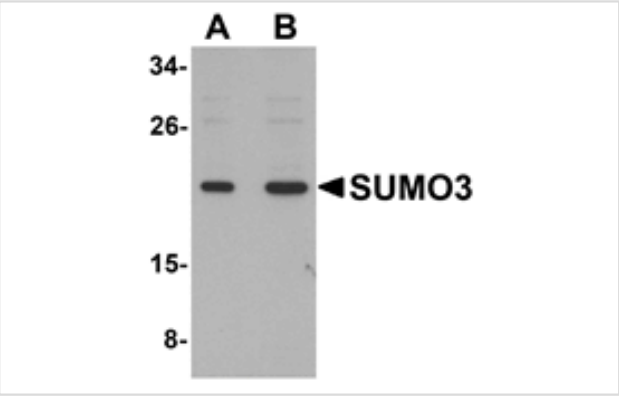
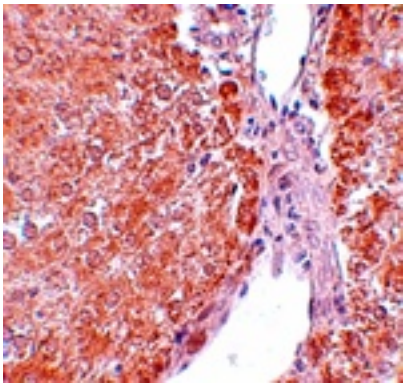
Description

Product Name	SUMO3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide near the carboxy terminus of human SUMO3.
Target Name	SUMO3
Other Names	Small ubiquitin-related modifier 3, SMT3 suppressor of mif two 3 homolog 3, SMT3A, SMT3H1, SMT3 homolog 1
Accession No.	Swiss-Prot:P55854Gene ID:6612
Uniprot	P55854
GeneID	6612;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of SUMO3 in mouse liver tissue lysate with SUMO3 antibody at (A) and (B) 2 ug/mL.



Immunohistochemistry of SUMO2/3 in rat liver tissue with SUMO2/3 antibody at 5 ug/mL.

Background

Small ubiquitin-like modifiers (SUMOs) are a family of small, related proteins (Sumo-1/2/3/4) that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation, which is a major regulator of protein function in cellular processes such as nuclear transport, transcriptional regulation, apoptosis and protein stability. All SUMO proteins localize to the nucleus and are covalently conjugated, affecting protein structure, function and interactions. SUMO2 and 3 are 96% identical and are more mobile within nucleus relative to SUMO1. Specific functional differences between SUMO1 and SUMO2 and 3 remain to be identified.

Note: This product is for in vitro research use only