

SUMO2/SUMO3/SUMO4 Antibody

Catalog No: #36877

Orders: order@signalwayantibody.com

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Description

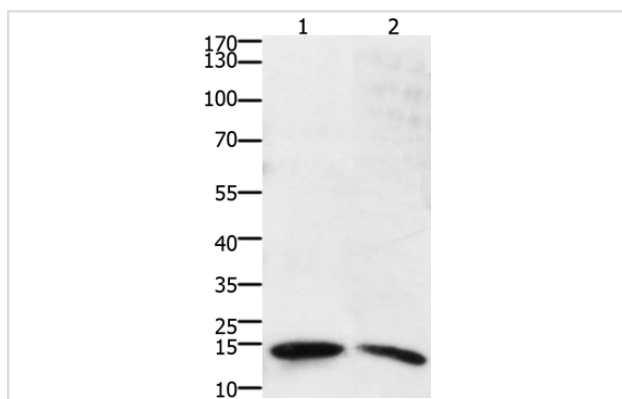
Product Name	SUMO2/SUMO3/SUMO4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SUMO2/SUMO3/SUMO4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human SMT3 suppressor of mif two 3 homolog 2/3/4 (<i>S. cerevisiae</i>)
Target Name	SUMO2-SUMO3-SUMO4
Other Names	SMT3A; Smt3B; SMT3H1; SUMO-3; HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2; IDDM5; SMT3H4; SUMO-4; dJ281H8.4
Accession No.	Swiss-Prot#: P61956NCBI Gene ID: 6613Gene Accssion: NP_008868/NP_008867/NP_001002255
Uniprot	P61956
GeneID	6613;
SDS-PAGE MW	12kd
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:300

Images



Gel: 15%+12%SDS-PAGE

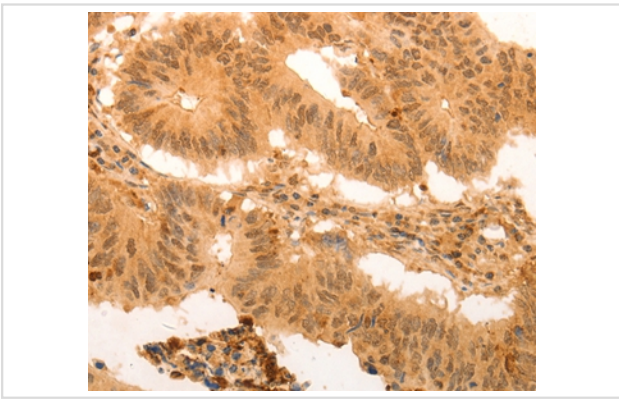
Lysates (from left to right): Human small intestine stromal cancer tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/800 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36877 at dilution 1/100.

Background

This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Note: This product is for in vitro research use only