

Rabbit anti-Human, Mouse SENP1 Polyclonal Antibody | anti-SENP1 antibody

SENP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233101	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

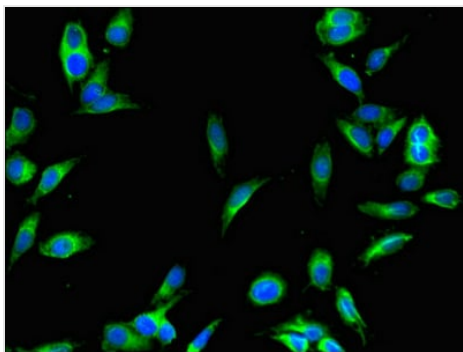
PRODUCT SYNONYMS

SENP1; Polyclonal Antibody; SENP1 Antibody; Sentrin-specific protease 1; Sentrin/SUMO-specific protease SENP1; anti-SENP1 antibody

PRODUCT SPECIFICATIONS

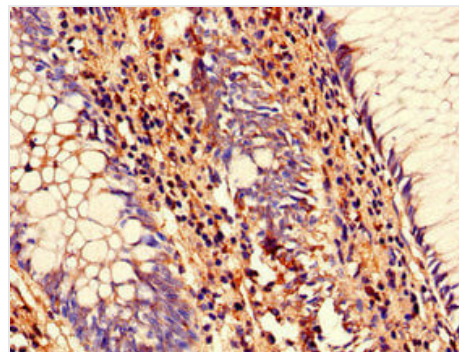
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	644
Applicable Applications for anti-SENP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sentrin-specific protease 1 protein (63-214AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46634 / sc-67074
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



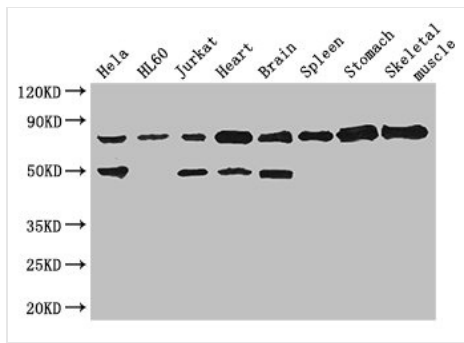
IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA233101 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233101 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Hela whole cell lysate, HL60 whole cell lysate, Jurkat whole cell lysate, Mouse heart tissue, Mouse brain tissue, Mouse spleen tissue, Mouse stomach tissue, Mouse skeletal muscle tissue. All lanes: SENP1 antibody at 2.7 µg/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 74 kDa. Observed band size: 74, 50 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SENP1 antibody

Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. Deconjugates SUMO1 from HIPK2. Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity. Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity. Deconjugates SUMO2 from MTA1. Desumoylates CCAR2 which decreases its interaction with SIRT1 (PubMed: 25406032).

NCBI AND UNIPROT INFORMATION

NCBI GI #	390131988
NCBI GeneID	29843
NCBI Accession #	NP_001254523.1
NCBI GenBank Nucleotide #	NM_001267594.1
UniProt Accession #	Q9P0U3; Q86XC8; A8K7P5
Molecular Weight	73,351 Da
NCBI Official Full Name	senrin-specific protease 1
NCBI Official Synonym Full Names	SUMO1/senrin specific peptidase 1
NCBI Official Symbol	SEN1
NCBI Official Synonym Symbols	SuPr-2
NCBI Protein Information	senrin-specific protease 1
UniProt Protein Name	Senrin-specific protease 1
UniProt Gene Name	SEN1
UniProt Entry Name	SEN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/senp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233101>