

Rabbit anti-Human SENP3 Polyclonal Antibody | anti-SENP3 antibody

Rabbit anti-SENP3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212123	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SENP3; Polyclonal Antibody; Rabbit anti-SENP3 Antibody; Affinity Purified; sentrin/SUMO-specific protease 3; SUMO1/sentrin/SMT3 specific peptidase 3; Ulp1; SUMO-1-specific protease 3; SMT3IP1; SSP3; Sentrin/SUMO-specific protease SENP3; sentrin-specific protease 3; Sentrin-specific protease 3; SUMO specific peptidase 3; anti-SENP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SENP3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human SENP3 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-SENP3 antibody AAA212123 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. SENP3 was also immunoprecipitated by rabbit anti-SENP3 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human SENP3 by immunohistochemistry. Samples: FFPE serial sections of human breast carcinoma. Antibody: Affinity purified rabbit anti-SENP3 (Cat. No. Lot1, left image and Cat. No. AAA212123 Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-SENP3 antibody

Sentrin-specific protease 3 (SENP3) functions as a protease that releases SUMO2 and SUMO3 monomers from sumoylated substrates, but has only weak activity against SUMO1 conjugates. SENP3 deconjugates SUMO2 from MEF2D, which increases its transcriptional activation capability, and also deconjugates SUMO2 and SUMO3 from CDCA8. SENP3 can function as a redox sensor that, when redistributed into nucleoplasm, can act as an effector to enhance HIF1A transcriptional activity by desumoylating EP300. SENP3 is required for rRNA processing through deconjugation of SUMO2 and SUMO3 from nucleophosmin, NPM1 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9H4L4].

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361499
NCBI GeneID	26168
NCBI Accession #	NP_056485.2
NCBI GenBank Nucleotide #	NM_015670.5
UniProt Accession #	Q9H4L4; Q66K15; Q86VS7; Q96PS4; Q9Y3W9
Molecular Weight	65,010 Da
NCBI Official Full Name	sentrin-specific protease 3
NCBI Official Synonym Full Names	SUMO1/sentrin/SMT3 specific peptidase 3
NCBI Official Symbol	SENP3
NCBI Official Synonym Symbols	SSP3; Ulp1; SMT3IP1
NCBI Protein Information	sentrin-specific protease 3; SUMO-1-specific protease 3; sentrin/SUMO-specific protease 3
UniProt Protein Name	Sentrin-specific protease 3
UniProt Gene Name	SENP3
UniProt Synonym Gene Names	SSP3; SUSP3
UniProt Entry Name	SENP3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/senp3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212123>