

Rabbit anti-Human, mouse SENP2 Polyclonal Antibody | anti-SENP2 antibody

SENP2 Antibody (C-term)

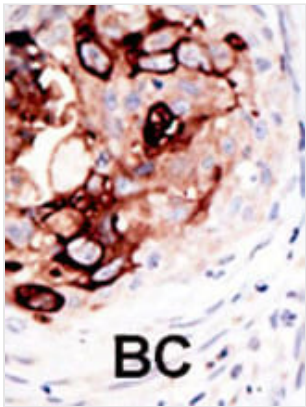
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284555	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

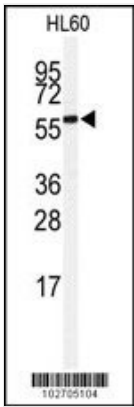
SENP2; Polyclonal Antibody; SENP2 Antibody (C-term); Sentrin-specific protease 2; Axam2; SMT3-specific isopeptidase 2; Smt3ip2; Sentrin/SUMO-specific protease SENP2; KIAA1331; anti-SENP2 antibody

PRODUCT SPECIFICATIONS

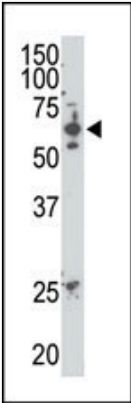
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SENP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 502-533 amino acids from the C-terminal region of human SENP2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	502-533
Sequence Length	589
Applicable Applications for anti-SENP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-SEN2 Antibody (C-term) in HL60 cell line lysates (35ug/lane). SENP2 (arrow) was detected using the purified Pab.



WB (Western Blot)
The SENP2 C-term polyclonal antibody is used in Western blot to detect SENP2 in mouse heart tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SEN2 antibody	SUMO is a small ubiquitin-like protein that can be covalently conjugated to other proteins. SENP2 is one of a group of enzymes that process newly synthesized SUMO1, SUMO2, and SUMO3 into the conjugatable mature forms and catalyze the deconjugation of these same SUMO proteins from their targeted substrates. SENP2 may also down-regulate CTNNB1 levels and thereby modulate the Wnt pathway.
Product Categories/Family for anti-SEN2 antibody	Cell Biology
References	Ota, T., et al., Nat. Genet. 36(1):40-45 (2004). Nakajima, D., et al., DNA Res. 9(3):99-106 (2002). Zhang, H., et al., Mol. Cell. Biol. 22(18):6498-6508 (2002). Hang, J., et al., J. Biol. Chem. 277(22):19961-19966 (2002). Nagase, T., et al., DNA Res. 7(1):65-73 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607091
NCBI GeneID	59343
NCBI Accession #	NP_067640.2
NCBI GenBank Nucleotide #	NM_021627.2

UniProt Accession #	Q9HC62 ; Q8IW97 ; Q96SR2 ; Q9P2L5 ; B4DQ42
Molecular Weight	67855
NCBI Official Full Name	sentrin-specific protease 2
NCBI Official Synonym Full Names	SUMO1/sentrin/SMT3 specific peptidase 2
NCBI Official Symbol	SEN2
NCBI Official Synonym Symbols	AXAM2; SMT3IP2
NCBI Protein Information	sentrin-specific protease 2
UniProt Protein Name	Sentrin-specific protease 2
UniProt Gene Name	SEN2
UniProt Synonym Gene Names	KIAA1331; Smt3ip2
UniProt Entry Name	SEN2_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/senp2-antibody-immunohistochemistry-western-blot-elisa/284555>