

Anti-SEN7 Antibody
Rabbit polyclonal antibody to SEN7
Catalog # AP59859**Specification**

Anti-SEN7 Antibody - Product Information

Application	WB
Primary Accession	Q9BOF6
Other Accession	Q8BUH8
Reactivity	Human, Mouse, Rat, Monkey, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	119658

Anti-SEN7 Antibody - Additional Information**Gene ID** 57337**Other Names**

KIAA1707; SSP2; SUSP2; Sentrin-specific protease 7; SUMO-1-specific protease 2; Sentrin/SUMO-specific protease SEN7

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SEN7. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-SEN7 Antibody - Protein Information**Name** SEN7 {ECO:0000303|Ref.2, ECO:0000312|HGNC:HGNC:30402}**Function**

Protease that acts as a positive regulator of the cGAS-STING pathway by catalyzing desumoylation of CGAS. Desumoylation of CGAS promotes DNA-binding activity of CGAS, subsequent oligomerization and activation (By similarity). Deconjugates SUMO2 and SUMO3 from targeted proteins, but not SUMO1 (PubMed:18799455). Catalyzes the deconjugation of poly-SUMO2 and poly-SUMO3 chains (PubMed:18799455)

target="_blank">18799455). Has very low efficiency in processing full-length SUMO proteins to their mature forms (PubMed:18799455).

Cellular Location

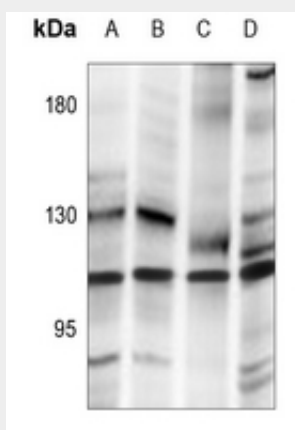
Cytoplasm {ECO:0000250|UniProtKB:Q8BUH8}.

Anti-SEN7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SEN7 Antibody - Images



Western blot analysis of SEN7 expression in HEK293T (A), A2780 (B), C6 (C), AML12 (D) whole cell lysates.

Anti-SEN7 Antibody - Background

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