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Datasheet for ABIN7454899
anti-SENP3 antibody (AA 1-50)

Overview

Quantity:	100 µg
Target:	SENP3
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SENP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-SENP3 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SENP3
Alternative Name:	SENP3 (SENP3 Products)
Background:	Background: Sentrin-specific protease 3 (SENP3) functions as a protease that releases SUMO2

Target Details

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) Q9H4L4].

Gene ID: 26168

NCBI Accession: [NP_056485](#)

UniProt: [Q9H4L4](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months