

## SEN3 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08206
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SENP3. AA range:10-59
<b>Mol wt</b>	65010
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	SEN3 Antibody
<b>Synonyms</b>	SEN3; SSP3; SUSP3; Sentrin-specific protease 3; SUMO-1-specific protease 3; Sentrin/SUMO-specific protease SENP3

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for numerous biologic processes. SUMO-specific proteases, such as SENP3, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates (Di Bacco et al. 2006 [PubMed 16738315]).

### Recommended Dilution

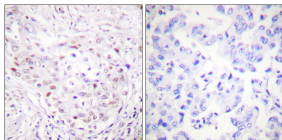
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using SENP3 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year