

## SENP7 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08209
<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 SENP7. AA range:991-1040
<b>Mol wt</b>	112159
<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>	SENP7 Antibody
<b>Synonyms</b>	SENP7; KIAA1707; SSP2; SUSP2; Sentrin-specific protease 7; SUMO-1-specific protease 2; Sentrin/SUMO-specific protease SENP7

**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 many cellular processes. SUMO-specific proteases, such as SENP7, process SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also display isopeptidase activity for deconjugation of SUMO-conjugated substrates.

### Recommended Dilution

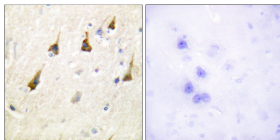
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

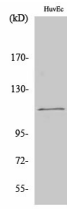
### Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using SENP7 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using SENP7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SENP7 Polyclonal Antibody cells nucleus.

### Storage

-20°C for one year

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