

SENP7 Ab

[References\(1\)](#) [Images\(2\)](#)

Cat.#: AF0278	Concn.: ~1mg/ml	Mol.Wt.: 112kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:3000, IHC 1:50-1:200, IF/ICC 1:100-1:500
*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse

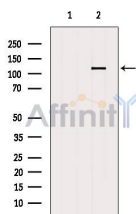
Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

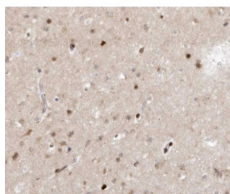
Immunogen: A synthesized peptide derived from human SENP7, corresponding to a region within C-terminal amino acids.

Uniprot: Q9BQF6

Description: SENP7 Protease that deconjugates SUMO2 and SUMO3 from targeted proteins, but not SUMO1. Catalyzes the deconjugation of poly-SUMO2 and poly-SUMO3 chains. Has very low efficiency in processing full-length SUMO proteins to their mature forms. Belongs to the peptidase C48 family. 4 isoforms of the human protein are produced by alternative splicing.



Western blot analysis of extracts from HeLa, using SENP7 Ab. The lane on the left was treated with blocking peptide.



AF0278 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

overnight.

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