

SENP7 Antibody

Catalog No: #33523

Package Size: #33523-1 50ul #33523-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

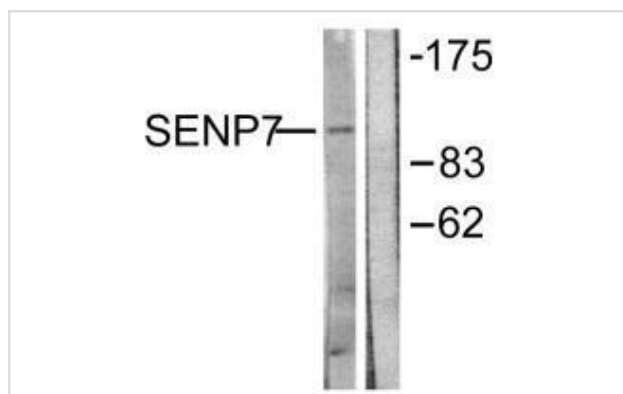
Product Name	SENP7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SENP7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human SENP7.
Target Name	SENP7
Other Names	Sentrin-specific protease 7; EC 3.4.22.-; Sentrin/SUMO-specific protease SENP7; SUMO-1-specific protease 2; SUMO1/sentrin specific protease 7
Accession No.	Swiss-Prot: Q9BQF6NCBI Gene ID: 57337
Uniprot	Q9BQF6
GeneID	57337;
SDS-PAGE MW	112kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

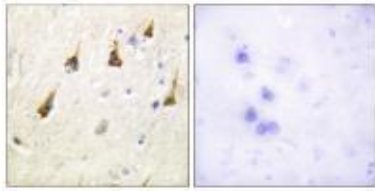
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HuvEc cells, using SENP7 antibody #33523.

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SENP7 antibody #33523.



Background

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.

Debaditya Mukhopadhyay, J. Cell Biol., Sep 2006; 174: 939 - 949.

Alessandra Di Bacco, Mol. Cell. Biol., Jun 2006; 26: 4489 - 4498.

Henrik Andersson, J. Med. Microbiol., Aug 2006; 55: 1023 - 1033.

Il-Jin Kim, Carcinogenesis, Mar 2006; 27: 392 - 404.

Note: This product is for in vitro research use only