

## ARG64498 anti-SEN6 / SUSP1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SEN6 / SUSP1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	FACS, ICC/IF
Specificity	This antibody is expected to recognise both reported isoforms (NP_001093879.1; NP_056386.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SEN6 / SUSP1
Species	Human
Immunogen	C-KPKYEPNPHYHEN
Conjugation	Un-conjugated
Alternate Names	Sentrin/SUMO-specific protease SEN6; SUSP1; EC 3.4.22.68; SUMO-1-specific protease 1; Sentrin-specific protease 6; SSP1

### Application Instructions

Application table	Application	Dilution
	FACS	10µg/ml
	ICC/IF	10µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

## Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

### Database links

[GeneID: 26054 Human](#)

[Swiss-port # Q9GZR1 Human](#)

### Background

Ubiquitin-like molecules (UBLs), such as SUMO1 (UBL1; MIM 601912), are structurally related to ubiquitin (MIM 191339) and can be ligated to target proteins in a similar manner as ubiquitin. However, covalent attachment of UBLs does not result in degradation of the modified proteins. SUMO1 modification is implicated in the targeting of RANGAP1 (MIM 602362) to the nuclear pore complex, as well as in stabilization of I-kappa-B-alpha (NFKBIA; MIM 164008) from degradation by the 26S proteasome. Like ubiquitin, UBLs are synthesized as precursor proteins, with 1 or more amino acids following the C-terminal glycine-glycine residues of the mature UBL protein. Thus, the tail sequences of the UBL precursors need to be removed by UBL-specific proteases, such as SENP6, prior to their conjugation to target proteins (Kim et al., 2000 [PubMed 10799485]). SENPs also display isopeptidase activity for deconjugation of SUMO-conjugated substrates (Lima and Reverter, 2008 [PubMed 18799455]).[supplied by OMIM, Jun 2009]

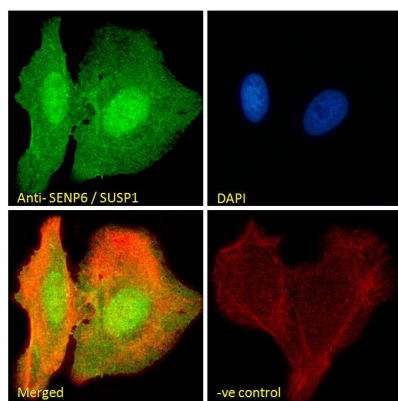
### Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

### Calculated Mw

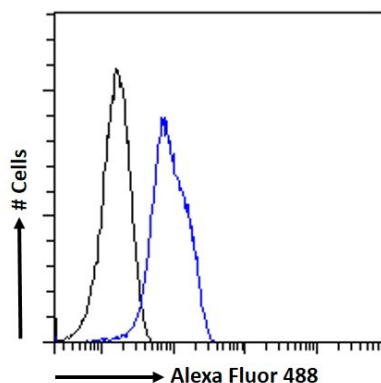
126 kDa

## Images



ARG64498 anti-SENP6 / SUSP1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG64498 anti-SENP6 / SUSP1 antibody at 10ug/ml dilution.



ARG64498 anti-SENP6 / SUSP1 antibody FACS image

Flow Cytometry: U2OS stained with ARG64498 anti-SENP6 / SUSP1 antibody at 10ug/ml dilution.