

Product datasheet

Anti-SEN6 antibody ab234813

1 Image

Overview

Product name	Anti-SEN6 antibody
Description	Rabbit polyclonal to SEN6
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human SEN6 aa 1-270.

Sequence:

```

MAAGKSGGSAGEITFLEALARSESKRDGGFKNNWSF
DHEEESGDGTDKDG
TNLLSVDEDESETSGKGLNRRSEIVANSSGEFILKT
YVRRNKSESFKT
LKGNIPLNMLSNKKLSENTQNTSLCSGTVVHGRRF
HHAHAQIPVVKTA
AQSSLDKERKEYPPHVQKVEINPVRLSRLQGVERIM
KKTEESESQVEPE
IKRKVQQRHCSTYQPTPPLSPASKKCLTHLEDLQRN
CRQAITLNESTGP LLRTSIHQNSGGQKSQNTGL
    
```

Database link: [Q9GZR1](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control	ICC/IF: HeLa cells.
-------------------------	---------------------

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.03% Proclin Constituents: PBS, 50% Glycerol
Purity	Protein G purified
Purification notes	Purity >95%

Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab234813** in the following tested applications.

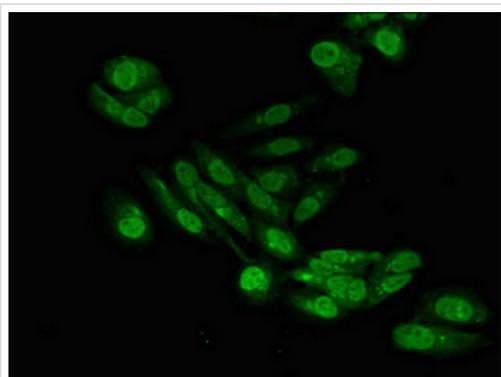
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/50 - 1/200.

Target

Function	Protease that deconjugates SUMO1, SUMO2 and SUMO3 from targeted proteins. Processes preferentially poly-SUMO2 and poly-SUMO3 chains, but does not efficiently process SUMO1, SUMO2 and SUMO3 precursors. Deconjugates SUMO1 from RXRA, leading to transcriptional activation. Involved in chromosome alignment and spindle assembly, by regulating the kinetochore CENPH-CENPI-CENPK complex. Desumoylates PML and CENPI, protecting them from degradation by the ubiquitin ligase RNF4, which targets polysumoylated proteins for proteasomal degradation. Desumoylates also RPA1, thus preventing recruitment of RAD51 to the DNA damage foci to initiate DNA repair through homologous recombination.
Tissue specificity	Highly expressed in reproductive organs, such as testis, ovary and prostate.
Pathway	Protein modification; protein sumoylation.
Sequence similarities	Belongs to the peptidase C48 family.
Cellular localization	Nucleus.

Images



HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling SENP6 using ab234813 at 1/100 dilution in ICC/IF, followed by an Alexa-Fluor[®] 488-conjugated goat anti-rabbit IgG (H+L).

Immunocytochemistry/ Immunofluorescence - Anti-SENP6 antibody (ab234813)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors