

Anti-SEN6 Picoband® Antibody HRP Conjugated

Catalog Number: A05088-3-HRP

About SENP6

Sentrin-specific protease 6 is an enzyme that in humans is encoded by the SENP6 gene. It is mapped to 6q14.1. Ubiquitin-like molecules (UBLs), such as SUMO1, are structurally related to ubiquitin 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 to the nuclear pore complex, as well as in stabilization of I-kappa-B-alpha 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. SENPs also display isopeptidase activity for deconjugation of SUMO-conjugated substrates.

Overview

| | |
|----------------------|---|
| Product Name | Anti-SEN6 Picoband® Antibody HRP Conjugated |
| Reactive Species | Human |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q9GZR1 |

Technical Details

| | |
|---------------------|--|
| Immunogen | E.coli-derived human SENP6 recombinant protein (Position: R135-K1086). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | HRP |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-SEN6 Antibody - HRP

For Research Use Only. Not for use in diagnostic procedures.