

Anti-SENP6 Picoband® Antibody Fluoro594 Conjugated

Catalog Number: A05088-3-Fluoro594

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-SENP6 Picoband® Antibody Fluoro594 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
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	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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