

Anti-SIRT6 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9357-Fluoro550

About SIRT6

SIRT6 is also known as SIR2L6. This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-SIRT6 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human, Mouse
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8N6T7

Technical Details

Immunogen	E.coli-derived human SIRT6 recombinant protein (Position: D14-E180). Human SIRT6 shares 95% amino acid (aa) sequence identity with mouse SIRT6.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 10.3389/fphar.2020.01150, Exogenous Hydrogen Sulfide Ameliorates Diabetic Myocardial Fibrosis by Inhibiting Cell Aging Through SIRT6/AMPK Autophagy

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