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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-HDAC7 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9629-Fluoro594

About HDAC7

Histone deacetylase 7 is an enzyme that in humans is encoded by the HDAC7 gene. It is mapped to 12q13.1. Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation / deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-HDAC7 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (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	Q8WUI4

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HDAC7, different from the related mouse and rat sequences by one amino acid.
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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For Research Use Only. Not for use in diagnostic procedures.