BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish Histone H3 Antibody Picoband® Biotin Conjugated

Catalog Number: AZQ6PI20-Biotin

About h3f3d

Histone H3.1 is a protein that in humans is encoded by the HIST1H3A gene. Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

Overview

Product Name	Anti-Zebrafish Histone H3 Antibody Picoband® Biotin Conjugated
Reactive Species	Zebrafish
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.
Host	Rabbit
Uniprot ID	Q6PI20

Technical Details

Immunogen	E.coli-derived zebrafish Histone H3 recombinant protein (Position: Q56-R117).
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin

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