

Anti-Zebrafish SREBF1 Antibody Fluoro647 Conjugated

Catalog Number: AZA6XLD8-Fluoro647

About SREBF1

The sterol regulatory element binding transcription factor 1 (SREBF1) is a transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a decamer flanking the low density lipoprotein receptor gene and some genes involved in sterol biosynthesis (1). The related protein SREBF2 also binds SRE1 and activates transcription in an additive fashion to SREBF1 (2). SREBF1 is synthesized as a precursor that is attached to the nuclear membrane and endoplasmic reticulum. Following cleavage, the mature protein translocates to the nucleus and activates transcription by binding to the SRE1 (3). The SREBF1 proteins are important in the regulation of genes involved in lipid metabolism, while SREBF2 has been more closely associated with cholesterol synthesis and accumulation (4).

Overview

Product Name	Anti-Zebrafish SREBF1 Antibody Fluoro647 Conjugated
Reactive Species	Zebrafish
Application	Recommended applications are based on the parent unconjugated antibody (IHC). 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	A6XLD8

Technical Details

Immunogen	E.coli-derived zebrafish SREBF1 recombinant protein (Position: H20-L1096)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm

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