Product datasheet

Anti-Zebrafish AFF4 Antibody

Catalog Number: *AZA0A8N7TEI3*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-Zebrafish AFF4 Antibody
Gene Name	AFF4
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	zebrafish
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived zebrafish AFF4 recombinant protein (Position: M1-E60).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	170 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

The AFF4 gene encodes a scaffold protein that functions as a core component of the super elongation complex (SEC), which is involved in transcriptional regulation during embryogenesis. The protein encoded by this gene belongs to the AF4 family of transcription factors involved in leukemia. It is a component of the positive transcription elongation factor b (P-TEFb) complex. This gene is mapped to chromosome 5q31.

Selected Validation Data

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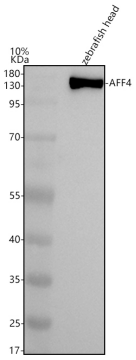

Figure 1. Western blot analysis of AFF4 using anti-AFF4 antibody (AZA0A8N7TEI3). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: zebrafish head tissue lysates,
Lane 2: zebrafish embryo tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-AFF4 antigen affinity purified polyclonal antibody (AZA0A8N7TEI3) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for AFF4 at approximately 170 kDa. The expected band size for AFF4 is at 127 kDa.