

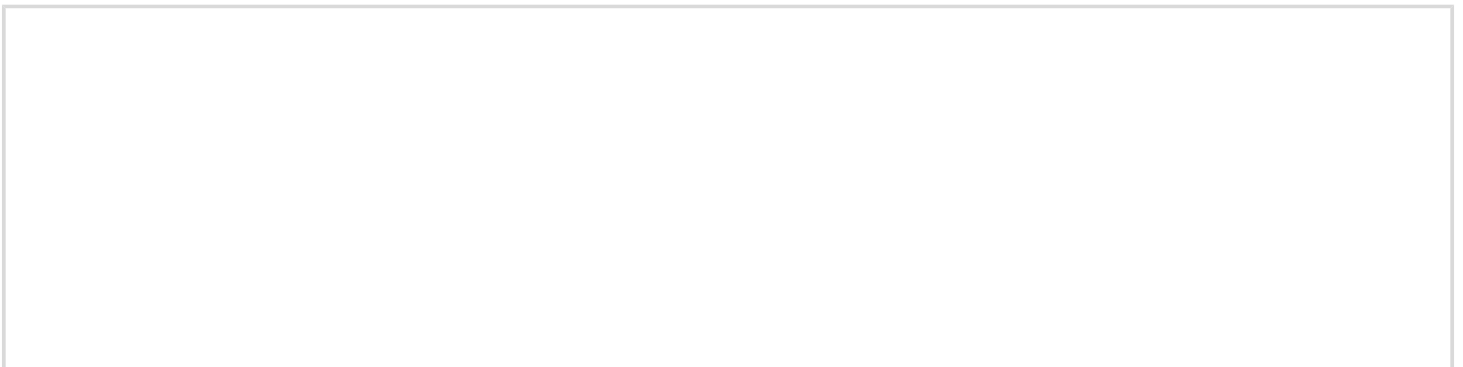
Basic Information

Product Name	Anti-Zebrafish ALCAMA Antibody	
Gene Name	ALCAMA	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	zebrafish	
Tested Application	WB, IHC	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E.coli-derived zebrafish ALCAMA recombinant protein (Position: K54-I509)	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	95 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

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

Selected Validation Data



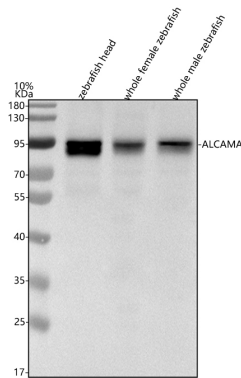


Figure 1. Western blot analysis of ALCAMA using anti-ALCAMA antibody (AZQ90460). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: zebrafish head tissue lysates.

Lane 2: whole female zebrafish tissue lysates.

Lane 3: whole male zebrafish tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-ALCAMA antigen affinity purified polyclonal antibody (AZQ90460) 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 ALCAMA at approximately 95 kDa. The expected band size for ALCAMA is at 61 kDa.

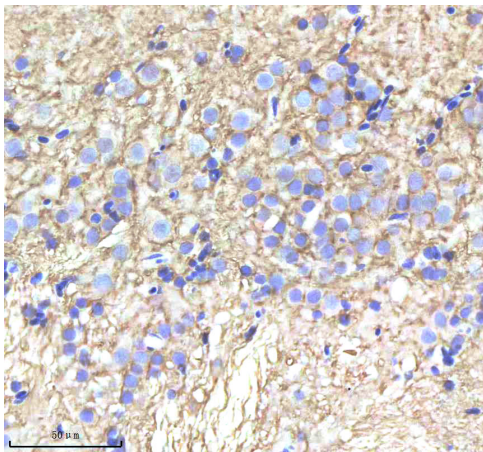


Figure 2. IHC analysis of ALCAMA using anti-ALCAMA antibody (AZQ90460) .

ALCAMA was detected in a paraffin-embedded section of zebrafish brain tissue. The tissue section was incubated with rabbit anti-ALCAMA Antibody (AZQ90460) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.