Product datasheet

Anti-Zebrafish ADRM1 Antibody

Catalog Number: *AZQ6NZ09*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-Zebrafish ADRM1 Antibody
Gene Name	ADRM1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	zebrafish
Tested Application	WB, IHC
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived zebrafish ADRM1 recombinant protein (Position: S14-M385).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	42 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℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Proteasomal ubiquitin receptor ADRM1 is a protein that in humans is encoded by the ADRM1 gene. This gene encodes a member of the adhesion regulating molecule 1 protein family. The encoded protein is a component of the proteasome where it acts as a ubiquitin receptor and recruits the deubiquitinating enzyme, ubiquitin carboxyl-terminal hydrolase L5. Increased levels of the encoded protein are associated with increased cell adhesion, which is likely an indirect effect of this intracellular protein. Dysregulation of this gene has been implicated in carcinogenesis. Alternative splicing results in multiple transcript variants.

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Selected Validation Data

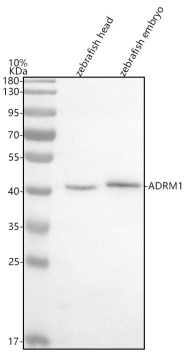

Figure 1. Western blot analysis of ADRM1 using anti-ADRM1 antibody (AZQ6NZ09). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: zebrafish head tissue lysates,
Lane 2: female zebrafish viscera tissue lysates,
Lane 3: male zebrafish viscera tissue lysates,
Lane 4: whole zebrafish tissue lysates,
Lane 5: zebrafish embryo tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-ADRM1 antigen affinity purified polyclonal antibody (AZQ6NZ09) 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 ADRM1 at approximately 42 kDa. The expected band size for ADRM1 is at 42 kDa.

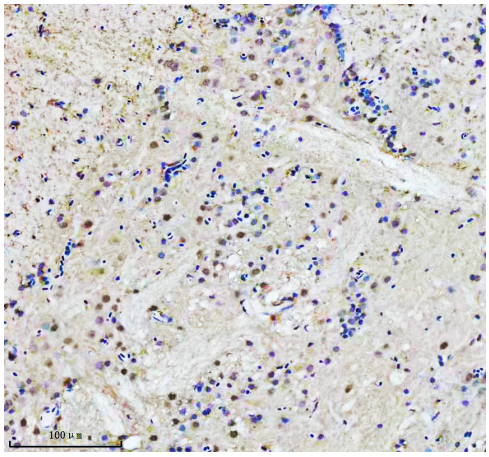

Figure 2. IHC analysis of ADRM1 using anti-ADRM1 antibody (AZQ6NZ09) .
ADRM1 was detected in a paraffin-embedded section of zebrafish brain tissue. The tissue section was incubated with rabbit anti-ADRM1 Antibody (AZQ6NZ09) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.