

Anti-Zebrafish CD36 Antibody

Catalog Number: AZQ6DHC7

About CD36

Predicted to enable low-density lipoprotein particle binding activity; low-density lipoprotein particle receptor activity; and scavenger receptor activity. Acts upstream of or within several processes, including defense response to bacterium; response to prostaglandin; and response to vitamin B3. Located in plasma membrane. Is expressed in several structures, including blastoderm; blastodisc; digestive system; pleuroperitoneal region; and taste bud. Human ortholog(s) of this gene implicated in several diseases, including blood platelet disease (multiple); hemolytic-uremic syndrome; osteoarthritis; pulmonary tuberculosis; and type 2 diabetes mellitus. Orthologous to human CD36 (CD36 molecule (CD36 blood group)).

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Overview

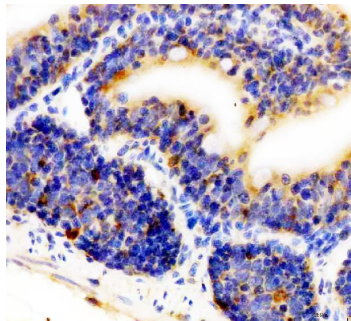
Product Name	Anti-Zebrafish CD36 Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish CD36 Antibody catalog # AZQ6DHC7. Tested in IHC applications. This antibody reacts with Zebrafish.
Application	IHC
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q6DHC7

Technical Details

Immunogen	E.coli-derived Zebrafish CD36 recombinant protein (Position: D32-S442).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry, 2-5 ug/ml, Zebrafish

Anti-Zebrafish CD36 Antibody (AZQ6DHC7) Images



IHC analysis of CD36 using anti-CD36 antibody (AZQ6DHC7). CD36 was detected in a paraffin-embedded section of zebrafish small intestine tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CD36 Antibody (AZQ6DHC7) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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