

DANRE heg Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # Azb10023b

Specification

DANRE heg Antibody (C-term) - Product Information

Application Primary Accession	WB,E <u>06R8 2</u>
Reactivity	Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	105529
Antigen Region	691-717
5 5	

DANRE heg Antibody (C-term) - Additional Information

Other Names Protein HEG, Heart of glass, heg

Target/Specificity

This DANRE heg antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 691-717 amino acids from the C-terminal region of DANRE heg.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DANRE heg Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DANRE heg Antibody (C-term) - Protein Information

Name heg

Function Receptor component of the CCM signaling pathway which is a crucial regulator of heart and vessel formation and integrity. May act through the stabilization of endothelial cell junctions.

Cellular Location



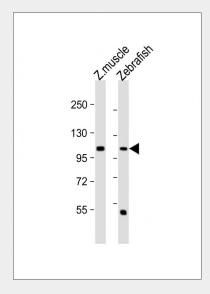
[Isoform 1]: Cell membrane; Single- pass type I membrane protein. Cell junction [Isoform 3]: Secreted.

DANRE heg Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

DANRE heg Antibody (C-term) - Images



All lanes : Anti-(DANRE) heg Antibody (C-term) at 1:1000 dilution Lane 1: Zebrafish muscle lysate Lane 2: Zebrafish lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit lgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 106 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DANRE heg Antibody (C-term) - Background

Receptor component of the CCM signaling pathway which is a crucial regulator of heart and vessel formation and integrity. May act through the stabilization of endothelial cell junctions.

DANRE heg Antibody (C-term) - References

Mably J.D., et al. Curr. Biol. 13:2138-2147(2003). Kleaveland B., et al. Nat. Med. 15:169-176(2009).