

(DANRE) dlc Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21638b

Specification

(DANRE) dlc Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	O9IAT6
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	72548
Antigen Region	557-591

(DANRE) dlc Antibody (C-Term) - Additional Information

Gene ID 30120

Other Names

Delta-like protein C, DeltaC, delC, dlc

Target/Specificity

This DANRE dlc antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 557-591 amino acids from DANRE dlc.

Dilution

WB~~1:2000

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) dlc Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

(DANRE) dlc Antibody (C-Term) - Protein Information

Name dlc

Function Acts as a ligand for Notch receptors and is involved in somitogenesis. Can activate Notch receptors. Required in somite segmentation to keep the oscillations of neighboring presomitic mesoderm cells synchronized.

Cellular Location

Membrane; Single-pass type I membrane protein

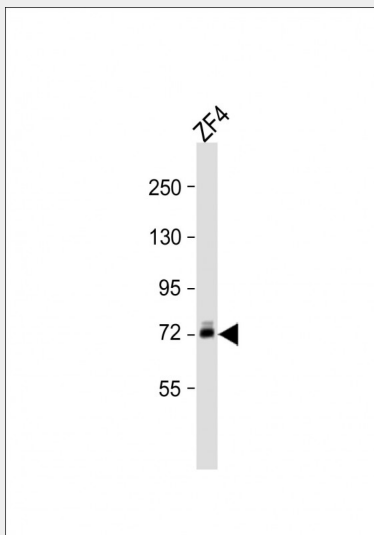
Tissue Location

Strongly expressed in the early retina, where it precedes other delta proteins. Also expressed in cranial ganglia, in sensory epithelia including ear and lateral line and in scattered epidermal cells. In the mesoderm, expression is visible by 50% epiboly; it is expressed subsequently in the tail bud, in stripes in the presomitic mesoderm and in the posterior half of each somite. Also expressed in notochord, blood vessels and pronephros. In contrast to other delta proteins, it is not expressed in the majority of nascent primary neurons. In somites, it marks the posterior part of each formed somite, while deltaD (dld) marks the anterior part

(DANRE) dlc Antibody (C-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

(DANRE) dlc Antibody (C-Term) - Images

Anti-dlc Antibody (CTerm) at 1:2000 dilution + ZF4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 73 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

(DANRE) dlc Antibody (C-Term) - Background

Acts as a ligand for Notch receptors and is involved in somitogenesis. Can activate Notch receptors. Required in somite segmentation to keep the oscillations of neighboring presomitic mesoderm cells synchronized.

(DANRE) dlc Antibody (C-Term) - References

Smithers L.E.,et al.Mech. Dev. 90:119-123(2000).
Jiang Y.-J.,et al.Nature 408:475-479(2000).