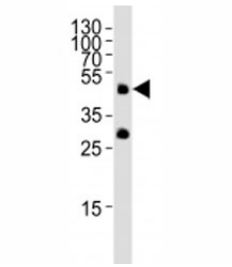
Zebrafish / Danio rerio Pou5f1 Antibody (F52574)

Catalog No.	Formulation	Size
F52574-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52574-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q90270
Applications	Western blot: 1:1000
Limitations	This Pou5f1 antibody is available for research use only.



Western blot analysis of lysate from zebrafish tissue lysate using Pou5f1 antibody at 1:1000.

Description

Involved in early development of embryos, especially in the process of gastrulation. May play an important role in establishing and specifying rhombomeric segments. Seems to be required to maintain the cells in a highly undifferentiated state. In contrast to POU2, T-POU2 lacks DNA-binding activity because of its incomplete pou domain structure. Overexpression of POU2 does not have any effect on development, whereas overexpression of t- POU2 causes developmental retardation or arrest before gastrulation.

This Zebrafish antibody is part of a broader Zebrafish / Danio rerio antibody panel offered by NSJ Bioreagents.

Application Notes

Titration of the Pou5f1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Pou5f1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 128-161 amino acids from the N-terminal region of zebrafish Pou5f1.

Storage

Aliquot the Pou5f1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.