

Datasheet for ABIN1881675
anti-POU3F3 antibody (C-Term)



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Overview

Quantity:	400 µL
Target:	POU3F3
Binding Specificity:	AA 381-407, C-Term
Reactivity:	Human, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU3F3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DANRE pou3f3a antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 381-407 amino acids from the C-terminal region of DANRE pou3f3a.
Clone:	RB44742
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POU3F3
Alternative Name:	pou3f3a (POU3F3 Products)
Background:	Transcription factor that may play important roles in patterning the embryonic brain.

Target Details

Molecular Weight: 47216

NCBI Accession: [NP_571225](#)

UniProt: [P56224](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Lim, He, Korzh, Gong: "A new splicing variant of a type III POU gene from zebrafish encodes a POU protein with a distinct C-terminal." in: **Biochimica et biophysica acta**, Vol. 1397, Issue 3, pp. 253-6, (1998) ([PubMed](#)).

Huang, Sato: "Progenitor cells in the adult zebrafish nervous system express a Brn-1-related POU gene, tai-ji." in: **Mechanisms of development**, Vol. 71, Issue 1-2, pp. 23-35, (1998) ([PubMed](#)).

Spaniol, Bornmann, Hauptmann, Gerster: "Class III POU genes of zebrafish are predominantly expressed in the central nervous system." in: **Nucleic acids research**, Vol. 24, Issue 24, pp. 4874-81, (1997) ([PubMed](#)).

Sampath, Stuart: "Developmental expression of class III and IV POU domain genes in the zebrafish." in: **Biochemical and biophysical research communications**, Vol. 219, Issue 2, pp.

Images

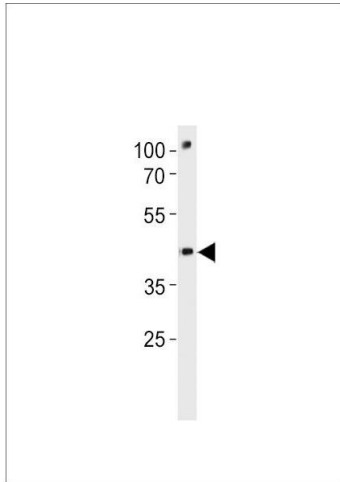
**Western Blotting**

Image 1. DANRE pou3f3a Antibody (C-term) Azb10007b western blot analysis in zebra fish brain tissue lysates (35 μ g/lane). This demonstrates the DANRE pou3f3a antibody detected the DANRE pou3f3a protein (arrow).

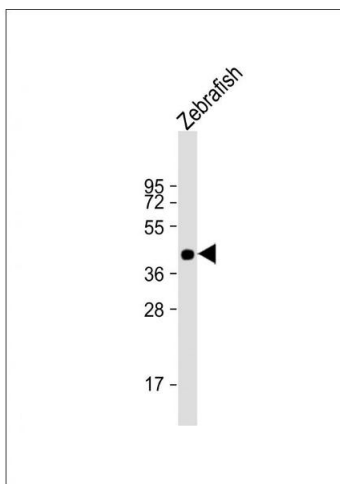
**Western Blotting**

Image 2. Anti-DANRE pou3f3a Antibody (C-term) at 1:1000 dilution + Zebrafish lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa
Blocking/Dilution buffer: 5 % NFDM/TBST.