

**DANRE pou3f3a Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # Azb10007b**

**Specification**

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**DANRE pou3f3a Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P56224</a>
Reactivity	Human, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47216
Antigen Region	381-407

**DANRE pou3f3a Antibody (C-term) - Additional Information**

**Gene ID** 30386

**Other Names**

POU domain, class 3, transcription factor 3-A, Brain-specific homeobox/POU domain protein 11, Brain-11, zfBrn-11, Class III POU domain protein taichi, POU domain protein 12, ZP-12, pou3f3a, brn-11, brn11, pou12, tai-ji, zp12, zp12pou

**Target/Specificity**

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.

**Dilution**

WB~~1:1000

**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 pou3f3a Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**DANRE pou3f3a Antibody (C-term) - Protein Information**

**Name** pou3f3a

**Synonyms** brn-1.1, brn1.1, pou12, tai-ji, zp12, zp

**Function** Transcription factor that may play important roles in patterning the embryonic brain.

**Cellular Location**

Nucleus.

**Tissue Location**

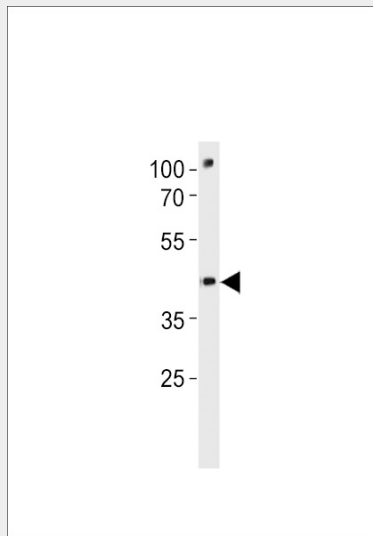
Predominantly expressed in the embryonic and adult central nervous system. In adults, isoform 2 is expressed in the brain, ovary, basal cells of the skin and muscle satellite cells

**DANRE pou3f3a Antibody (C-term) - Protocols**

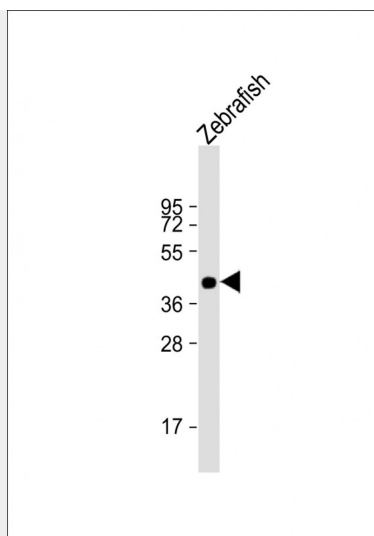
Provided below are standard protocols that you may find useful for product applications.

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

**DANRE pou3f3a Antibody (C-term) - Images**



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



Anti-DANRE pou3f3a Antibody (C-term) at 1:1000 dilution + Zebrafish lysate Lysates/proteins at 20  $\mu$ 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.

#### **DANRE pou3f3a Antibody (C-term) - Background**

Transcription factor that may play important roles in patterning the embryonic brain.

#### **DANRE pou3f3a Antibody (C-term) - References**

- Spaniol P., et al. Nucleic Acids Res. 24:4874-4881(1996).
- Lim J.H., et al. Biochim. Biophys. Acta 1397:253-256(1998).
- Huang S., et al. Mech. Dev. 71:23-35(1998).
- Shah D., et al. Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
- Sampath K., et al. Biochem. Biophys. Res. Commun. 219:565-571(1996).