10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DANRE pou3f3a Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb10007b

Product Information

Application	WB, E
Primary Accession	P56224
Reactivity	Human, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47216
Antigen Region	381-407

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

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

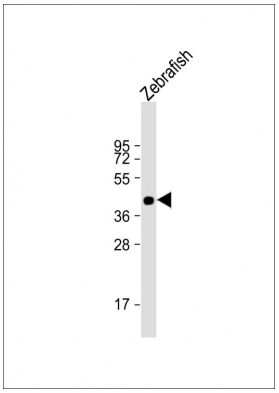
Background

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

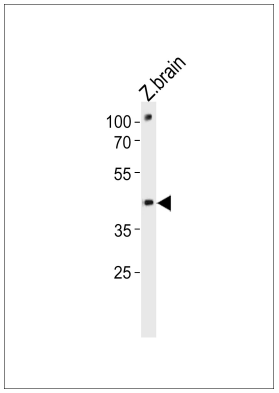
References

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.