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

Zebrafish Pax9 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AZb11580a

Product Information

Application	WB, E
Primary Accession	Q98866
Other Accession	Q2L4T2, P47242, P55771, P55166
Reactivity	Zebrafish
Predicted	Human, Mouse, Rat, Chicken, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20219
Calculated MW	29759

Additional Information

Gene ID	30558
Other Names	Pax9 protein;Pax9
Target/Specificity	This Zebrafish Pax9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-95 amino acids from the N-terminal region of Zebrafish Pax9.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	Zebrafish Pax9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Q98866
Cellular Location	Nucleus {ECO:0000256|ARBA:ARBA00004123, ECO:0000256|PROSITE-ProRule:PRU00381}

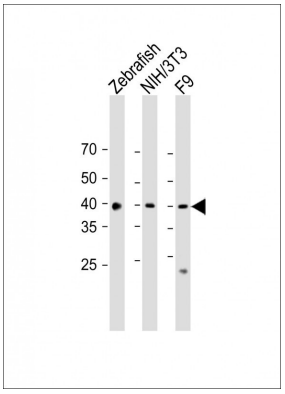
Background

This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of the paired box 9 gene is unknown but it may involve development of stratified squamous epithelia as well as various organs and skeletal elements.

References

Pawlowska, E., et al. Orthod Craniofac Res 13(3):142-152(2010)
Mostowska, A., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 88(7):538-545(2010)
Haldeman-Englert, C.R., et al. J Craniofac Surg 21(3):837-839(2010)
Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :
Mues, G., et al. J Craniofac Surg 20 SUPPL 2, 1652-1654 (2009) :

Images



All lanes: Anti-Zebrafish Pax9 Antibody (N-term) at 1:1000 dilution Lane 1: Zebrafish whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lane 3: F9 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 38 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

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