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PAX9 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11580a

Product Information

Application	WB, E
Primary Accession	P55771
Other Accession	Q2L4T2, P47242, P55166, NP_006185.1
Reactivity	Human
Predicted	Chicken, Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20219
Calculated MW	36310
Antigen Region	69-95

Additional Information

Gene ID	5083
Other Names	Paired box protein Pax-9, PAX9
Target/Specificity	This PAX9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-95 amino acids from the N-terminal region of human PAX9.
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	PAX9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PAX9
Function	Transcription factor required for normal development of thymus, parathyroid glands, ultimobranchial bodies, teeth, skeletal elements of skull and larynx as well as distal limbs.

Cellular Location Nucleus.

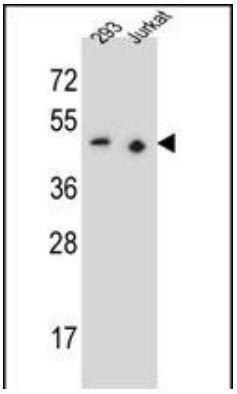
Background

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



PAX9 Antibody (N-term) (Cat. #AP11580a) western blot analysis in 293,Jurkat cell line lysates (35ug/lane).This demonstrates the PAX9 antibody detected the PAX9 protein (arrow).

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