

PAX9 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11580a

Specification

PAX9 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P55771
Other Accession	Q2L4T2 , P47242 , P55166 , NP_006185.1 , Q98866
Reactivity	Human
Predicted	Zebrafish, Chicken, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36310
Antigen Region	69-95

PAX9 Antibody (N-term) - 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.

PAX9 Antibody (N-term) - 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

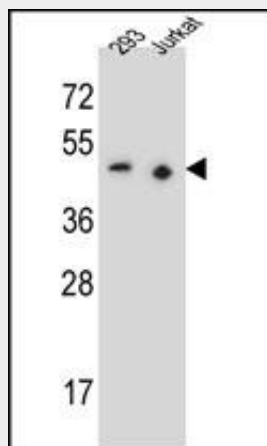
Nucleus.

PAX9 Antibody (N-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](#)

PAX9 Antibody (N-term) - 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).

PAX9 Antibody (N-term) - 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.

PAX9 Antibody (N-term) - 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) :