

FOXI3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11492C

Product Information

Application	WB, FC, E
Primary Accession	A8MTJ6
Other Accession	NP_001129121.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29328
Calculated MW	43326
Antigen Region	157-186

Additional Information

Gene ID	344167
Other Names	Forkhead box protein I3, FOXI3
Target/Specificity	This FOXI3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 157-186 amino acids from the Central region of human FOXI3.
Dilution	WB~~1:1000 FC~~1:10~50 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	FOXI3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FOXI3 {ECO:0000303 PubMed:36260083, ECO:0000312 HGNC:HGNC:35123}
Function	Transcription factor required for pharyngeal arch development, which is involved in hair, ear, jaw and dental development (PubMed: 37041148). May act as a pioneer transcription factor during pharyngeal arch development (By similarity). Required for epithelial cell differentiation within the epidermis (By

similarity). Acts at multiple stages of otic placode induction: necessary for preplacodal ectoderm to execute an inner ear program (By similarity). Required for hair follicle stem cell specification (By similarity). Acts downstream of TBX1 for the formation of the thymus and parathyroid glands from the third pharyngeal pouch (By similarity).

Cellular Location

Nucleus.

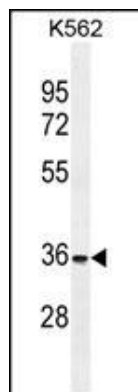
Background

Possible transcriptional factor (By similarity).

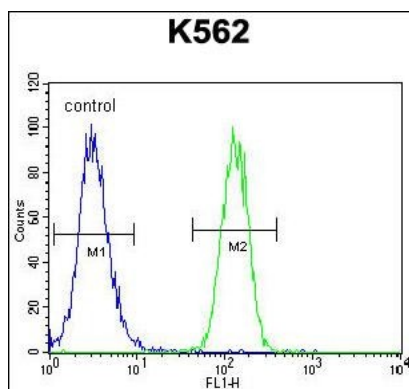
References

Drogemuller, C., et al. Science 321 (5895), 1462 (2008) :
Hillier, L.W., et al. Nature 434(7034):724-731(2005)

Images



FOXI3 Antibody (Center) (Cat. #AP11492c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the FOXI3 antibody detected the FOXI3 protein (arrow).



FOXI3 Antibody (Center) (Cat. #AP11492c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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