

FOXI3 Rabbit pAb

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Catalog # AP56161

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A8MTJ6
Reactivity	Rat, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43326
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FOXI3
Epitope Specificity	121-220/420
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Contains 1 fork-head DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	344167
Other Names	Forkhead box protein I3, FOXI3 {ECO:0000303 PubMed:36260083, ECO:0000312 HGNC:HGNC:35123}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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