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# FOXI3 Rabbit pAb

FOXI3 Rabbit pAb
Catalog # AP56161

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | A8MTJ6 |
| **Predicted** | Rat, Human, Mouse, Horse, Sheep |
| **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. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

## Additional Information

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| **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

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| **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 |

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| | downstream of TBX1 for the formation of the thymus and parathyroid glands from the third pharyngeal pouch (By similarity). |
| **Cellular Location** | Nucleus. |

## Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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