

**FOXI3 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56161****Specification**

---

**FOXI3 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">A8MTJ6</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FOXI3
Epitope Specificity	121-220/420
Isotype	IgG
<b>Purity</b>	
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.

**FOXI3 Polyclonal Antibody - Additional Information****Gene ID** 344167**Other Names**

Forkhead box protein I3, FOXI3

**Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span>

**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.

**FOXI3 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/37041148" target="\_blank">37041148</a>). 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.

**FOX13 Polyclonal Antibody - 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](#)

**FOX13 Polyclonal Antibody - Images**