

## **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
Reactivity
Rat, Bovine
Host
Clonality
Calculated MW
Physical State

A8MTJ6
Rat, Bovine
Rabbit
Polyclonal
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

Nucleus.

from human FOXI3

Epitope Specificity 121-220/420

Isotype Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION

SIMILARITY Important Note

Contains 1 fork-head DNA-binding domain. 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</pre>

="dilution IHC-F">IHC-F~~N/A</span><br \><span class

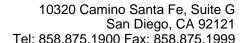
="dilution IF">IF~~1:50~200</span><br/>or \><span class ="dilution ICC">ICC~~N/A</span>

## **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.

## **FOXI3 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

**FOXI3 Polyclonal Antibody - Images**