

FOXI3 / Forkhead box I3 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3065a**Specification****FOXI3 / Forkhead box I3 Antibody (internal region) - Product Information**

Application	IHC
Primary Accession	A8MTJ6
Other Accession	NP_001129121.1 , 344167
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	43326

FOXI3 / Forkhead box I3 Antibody (internal region) - Additional Information**Gene ID** 344167**Other Names**

Forkhead box protein I3, FOXI3

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FOXI3 / Forkhead box I3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FOXI3 / Forkhead box I3 Antibody (internal region) - 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).

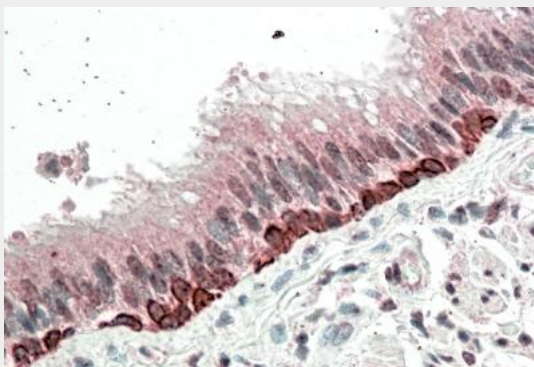
Cellular Location

Nucleus.

FOX13 / Forkhead box I3 Antibody (internal region) - 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 / Forkhead box I3 Antibody (internal region) - Images

AF3065a (5 µg/ml) staining of paraffin embedded Human Bronchus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

FOX13 / Forkhead box I3 Antibody (internal region) - References

Expression of mouse Foxi class genes in early craniofacial development. Ohyama T, Groves AK. Dev Dyn. 2004 Nov;231(3):640-6. PMID: 15376323