

**FOXI3 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11492c****Specification**

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**FOXI3 Antibody (Center) Blocking peptide - Product Information**Primary Accession [A8MTJ6](#)**FOXI3 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 344167**Other Names**

Forkhead box protein I3, FOXI3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FOXI3 Antibody (Center) Blocking peptide - 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: <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 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**FOXI3 Antibody (Center) Blocking peptide - Images****FOXI3 Antibody (Center) Blocking peptide - Background**

Possible transcriptional factor (By similarity).

**FOXI3 Antibody (Center) Blocking peptide - References**

Drogemuller, C., et al. Science 321 (5895), 1462 (2008) :Hillier, L.W., et al. Nature 434(7034):724-731(2005)