

## Anti-FOXL2 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A01185-1-Fluoro594

### About FOXL2

The forkhead transcription factor gene, FOXL2 located in blepharophimosis-ptosis-epicanthus inversus syndrome(BPES) critical region on chromosome 3q23. Consistent with an involvement in BPES, FOXL2 is selectively expressed in the mesenchyme of developing mouse eyelids and in adult ovarian follicles; in adult humans, it appears predominantly in the ovary. FOXL2 haploinsufficiency may cause BPES types I and II by the effect of a null allele and a hypomorphic allele, respectively. Furthermore, in a fraction of the BPES patients the genetic defect does not reside within the coding region of the FOXL2 gene and may be caused by a position effect. FOXL2 mutations can also cause gonadal dysgenesis or premature ovarian failure(POF) in women, as well as eyelid/forehead dysmorphology in both sexes.

### Overview

Product Name	Anti-FOXL2 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P58012

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human FOXL2, identical to the related mouse sequences.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-FOXL2 Antibody - Fluoro594

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