



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06022 - Goat Anti-FOXL2 / BPES Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FOXL2, BPES, forkhead box L2, PFRK, BPES1, PINTO, forkhead transcription factor FOXL2, blepharophimosis, epicanthus inversus and ptosis, Blepharophimosis, epicanthus inversus, and ptosis 1, POF3

**Official Symbol:** FOXL2

**Accession Number(s):** NP\_075555.1

**Human GeneID(s):** [668](#)

**Non-Human GeneID(s):** 26927 (mouse)

### Immunogen

Peptide with sequence C-DSKTGALHSRLDL, from the C Terminus of the protein sequence according to NP\_075555.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx. 50kDa band observed in Human and Mouse Ovary lysates (calculated MW of 38.8kDa according to Human NP\_075555.1 and Mouse NP\_036150.1). This molecular weight is observed by other Sources. Recommended concentration 1-3µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** Paraffin embedded Human Ovary. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Cow

### Specific Reference

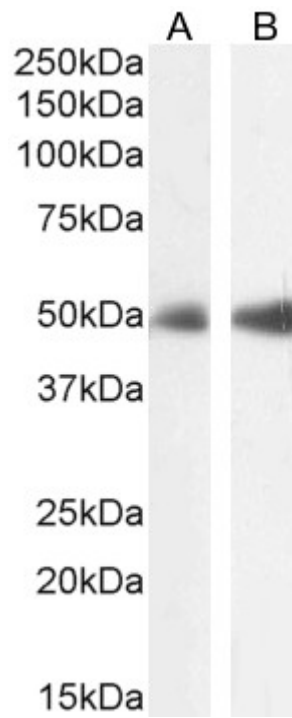
**This antibody (previous batch) has been successfully used in IF on Mouse:**

Padua MB, Fox SC, Jiang T, Morse DA, Tevosian SG.

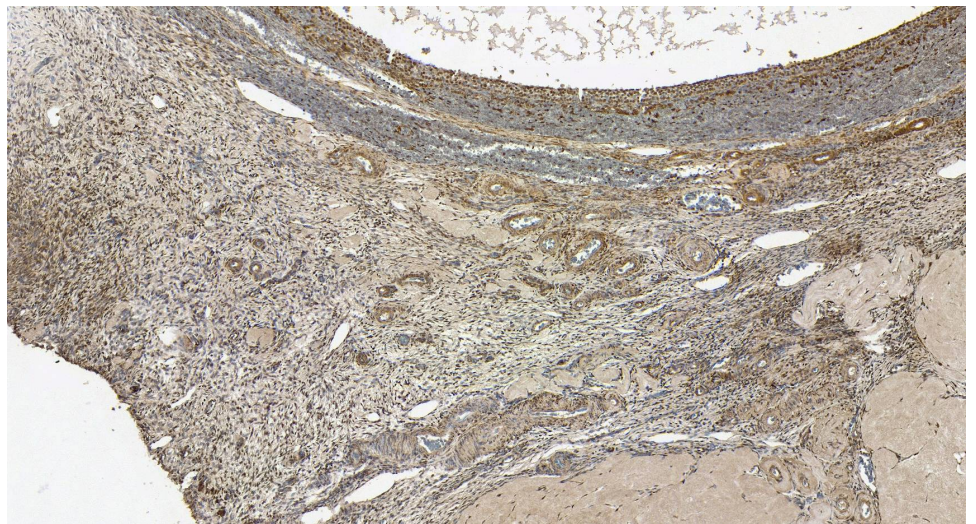
Simultaneous Gene Deletion of Gata4 and Gata6 Leads to Early Disruption of Follicular Development and Germ Cell Loss in the Murine Ovary.

Biol Reprod. 2014 Jun 4.

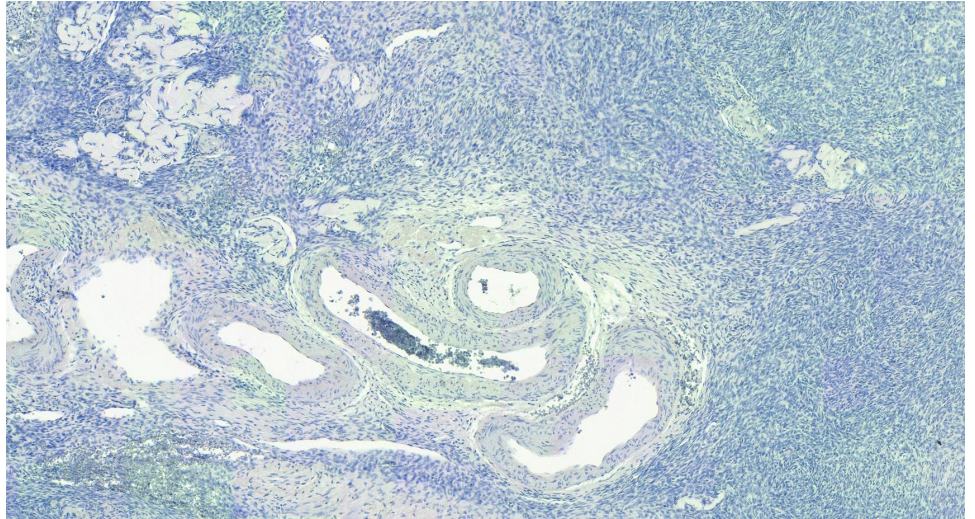
PMID: 24899573



EB06022 (2 $\mu$ g/ml) staining of Human (A) and (1 $\mu$ g/ml) Mouse (B) Ovary lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB06022 (5 $\mu$ g/ml) staining of paraffin embedded Human Ovary. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06022 Negative Control showing staining of paraffin embedded Human Ovary, with no primary antibody.