

FOXL2 Antibody
Rabbit mAb
Catalog # AP92142**Specification**

FOXL2 Antibody - Product Information

| | |
|--|------------------------|
| Application | WB |
| Primary Accession | P58012 |
| Clonality | Monoclonal |
| Other Names | |
| BPES; BPES1; FOXL2; PFRK; PINTO; POF3; | |
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 38772 Da |

FOXL2 Antibody - Additional Information

| | |
|------------------------------|---|
| Dilution | WB~~1:1000 |
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from human FOXL2 |
| Description | Transcriptional regulator. Critical factor essential for ovary differentiation and maintenance, and repression of the genetic program for somatic testis determination. Prevents trans-differentiation of ovary to testis through transcriptional repression of the Sertoli cell-promoting gene SOX9 (By similarity). |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

FOXL2 Antibody - Protein Information**Name** FOXL2**Function**

Transcriptional regulator. Critical factor essential for ovary differentiation and maintenance, and repression of the genetic program for somatic testis determination. Prevents trans- differentiation of ovary to testis through transcriptional repression of the Sertoli cell-promoting gene SOX9 (By similarity). Has apoptotic activity in ovarian cells. Suppresses ESR1-mediated transcription of PTGS2/COX2 stimulated by tamoxifen (By similarity). Is a regulator of CYP19 expression (By similarity). Participates in SMAD3-dependent transcription of FST via the intronic SMAD-binding element (By similarity). Is a transcriptional repressor of STAR. Activates SIRT1 transcription under

cellular stress conditions. Activates transcription of OSR2.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00089, ECO:0000269|PubMed:19744555}

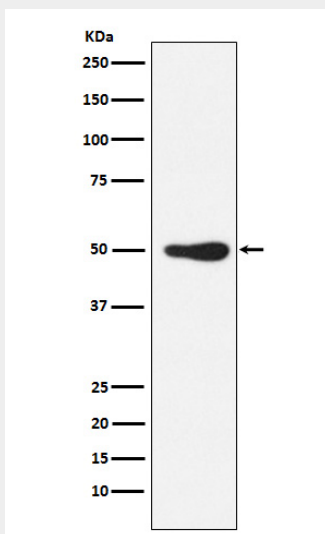
Tissue Location

In addition to its expression in the developing eyelid, it is transcribed very early in somatic cells of the developing gonad (before sex determination) and its expression persists in the follicular cells of the adult ovary

FOXL2 Antibody - 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](#)

FOXL2 Antibody - Images

Western blot analysis of FOXL2 expression in Jurkat cell lysate.