

FOXL2 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS17229**Specification**

FOXL2 Antibody (C-Terminus) - Product Information

Application	IHC-P, WB
Primary Accession	P58012
Other Accession	668
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Pig, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	38772

FOXL2 Antibody (C-Terminus) - Additional Information**Gene ID** 668**Other Names**

FOXL2, BPES, BPES1, Forkhead box L2, Forkhead box protein L2, PFRK, PINTO, POF3

Target/Specificity

Human FOXL2.

Reconstitution & Storage

Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

FOXL2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

FOXL2 Antibody (C-Terminus) - 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

Volume

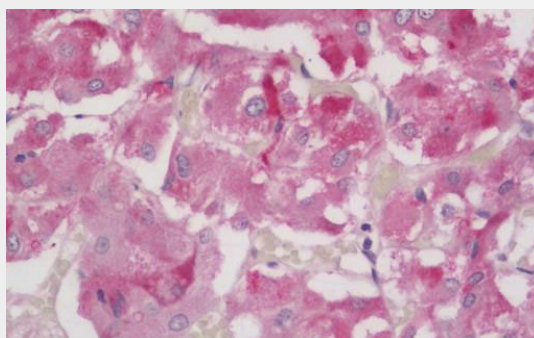
50 μ l

FOXL2 Antibody (C-Terminus) - Protocols

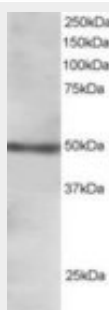
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOXL2 Antibody (C-Terminus) - Images



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



Antibody staining (1.5 μ g/ml) of Human Ovary extracts (RIPA buffer, 30 μ g total protein per lane).

FOXL2 Antibody (C-Terminus) - Background

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FOXL2 Antibody (C-Terminus) - References

Crisponi L.,et al.Nat. Genet. 27:159-166(2001).
Xu Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Lee K.,et al.Biochem. Biophys. Res. Commun. 336:876-881(2005).
Kuo F.T.,et al.Cell. Signal. 21:1935-1944(2009).
Benayoun B.A.,et al.Hum. Mol. Genet. 18:632-644(2009).