

## Datasheet: AHP3040

**BATCH NUMBER 160798**

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | RABBIT ANTI HUMAN FOXL2 |
| <b>Specificity:</b>  | FOXL2                   |
| <b>Format:</b>       | Purified                |
| <b>Product Type:</b> | Polyclonal Antibody     |
| <b>Isotype:</b>      | Polyclonal IgG          |
| <b>Quantity:</b>     | 0.1 ml                  |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ■   |    |                | 1/500 - 1/1000     |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

|                                 |                                                                                                                                                                              |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>           | Human                                                                                                                                                                        |
| <b>Product Form</b>             | Purified IgG - liquid                                                                                                                                                        |
| <b>Antiserum Preparation</b>    | Antiserum to human FOXL2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| <b>Buffer Solution</b>          | Phosphate buffered saline                                                                                                                                                    |
| <b>Preservative Stabilisers</b> | 0.035% Sodium Azide (NaN <sub>3</sub> )<br>30% Glycerol                                                                                                                      |
| <b>Carrier Free</b>             | Yes                                                                                                                                                                          |
| <b>Immunogen</b>                | A peptide within the N-terminal region of human FOXL2                                                                                                                        |

### External Database Links

#### UniProt:

[P58012](#)

[Related reagents](#)

**Entrez Gene:**[668](#) FOXL2 [Related reagents](#)

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**Specificity** **Rabbit anti Human FOXL2 antibody** recognizes forkhead box protein L2.

FOXL2 is a 39 kDa transcription factor that belongs to the forkhead box (FOX) superfamily. This family of proteins is characterized by the forkhead box/winged-helix DNA-binding domain. FOXL2 plays an important role in the development and function of ovaries and inhibits the formation of testes *via* suppression of SOX9 expression ([Yang \*et al.\* 2017](#)). FOXL2 expression levels have been shown to play a role in the development of a number of pathologies, including adult granulosa cell tumors and endometriosis ([Leung \*et al.\* 2016](#)) ([Governini \*et al.\* 2014](#)).

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3040>  
10049

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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