

## Datasheet: AHP457

|                      |                                     |
|----------------------|-------------------------------------|
| <b>Description:</b>  | RABBIT ANTI HUMAN ALPHA FETOPROTEIN |
| <b>Specificity:</b>  | ALPHA FETOPROTEIN                   |
| <b>Other names:</b>  | AFP                                 |
| <b>Format:</b>       | Concentrate                         |
| <b>Product Type:</b> | Polyclonal Antibody                 |
| <b>Isotype:</b>      | Polyclonal IgG                      |
| <b>Quantity:</b>     | 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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen   | ▪   |    |                | 1/10 - 1/40        |
| Immunohistology - Paraffin | ▪   |    |                | 1/10 - 1/40        |

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Pig, Sheep

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antisera to human AFP were raised by repeated immunisation of rabbits with highly purified antigen

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)  
1% Bovine Serum Albumin

|  |   |
|--|---|
| <b>Immunogen</b>                         | Human Alpha-1-Fetoprotein (cord serum).   |
| <b>External Database Links</b>           | <p><b>UniProt:</b><br/> <a href="#">P02771</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">174</a> AFP    <a href="#">Related reagents</a></p>  |
| <b>Synonyms</b>                          | HPAFP   |
| <b>RRID</b>                              | AB_322545   |
| <b>Specificity</b>                       | <b>Rabbit anti Human alpha Fetoprotein antibody</b> recognizes human alpha fetoprotein, and shows positive staining of parenchymal cells of fetal liver and neoplastic liver cells showing yolk sac differentiation in germ cell tumours. |
| <b>Immunohistology</b>                   | This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.  |
| <b>Histology Positive Control Tissue</b> | Hepalocellular carcinoma, fetal liver, germ cell tumors   |
| <b>References</b>                        | 1. Pardee, A.D. <i>et al.</i> (2015) Route of antigen delivery impacts the immunostimulatory activity of dendritic cell-based vaccines for hepatocellular carcinoma. <a href="#">J Immunother Cancer. 3: 32.</a>                          |
| <b>Storage</b>                           | <p>Store at +4°C.</p> <p>DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>  |
| <b>Guarantee</b>                         | 18 months from date of despatch.  |
| <b>Health And Safety Information</b>     | Material Safety Datasheet documentation #10304 available at: 10304: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf</a>                                     |
| <b>Regulatory</b>                        | For research purposes only  |

## Related Products

### Recommended Secondary Antibodies

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

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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