

## Datasheet: AHP1850

<b>Description:</b>	RABBIT ANTI FZD7 (C-TERMINAL)
<b>Specificity:</b>	FZD7 (C-TERMINAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

### 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 - Paraffin (1)	■			15ug/ml

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.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

#### Target Species

Human

#### Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse

**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 FZD7 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	An 18 amino acid synthetic peptide from the carboxyl terminus of human FZD7.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O75084</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">8324</a> FZD7    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_2109525
<b>Specificity</b>	<p><b>Rabbit anti Human FZD7 antibody</b> recognizes human Frizzled-7 (FZD7), a multi-pass membrane protein of 574 amino acids belonging to the G-protein coupled receptor FZ/Smo family.</p> <p>FZD7 is a receptor for Wnt signaling proteins. FZD7 down regulates the functions of the tumor suppressor gene APC and thereby enhances beta catenin-mediated signals.</p> <p>FZD7 is highly expressed adult skeletal muscle and foetal kidney. High expression of FZD7 is observed in the foetal lung, placenta, adult heart and brain tissues and is expressed in squamous cell oesophageal carcinomas.</p>
<b>Histology Positive Control Tissue</b>	Human heart
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR54...)[HRP](#)

### Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

100x ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)

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**Printed on 10 Feb 2021**

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