

Datasheet: AHP2157

Description:	RABBIT ANTI CYTOCHROME P450 1B1
Specificity:	CYTOCHROME P450 1B1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin	■			10ug/ml
ELISA			■	
Immunoprecipitation			■	
Western Blotting	■			0.5 - 1ug/ml
Immunofluorescence			■	
Functional Assays			■	

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.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>Based on sequence similarity, is expected to react with: Bovine, Zebrafish, Rat, Chimpanzee, Dog, Horse, Monkey</p> <p>N.B. Antibody reactivity and working conditions may vary between species.</p>
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to CYP1B1 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	<p>0.05% Sodium Azide (NaN₃)</p> <p>0.2% Gelatin</p>
Approx. Protein Concentrations	Total protein concentration 0.5mg/ml

Immunogen	Synthetic peptide sequence corresponding to a region between amino acids 200-250 of human CYP1B1 - conjugated to KLH.
External Database Links	<p>UniProt: Q16678 Related reagents</p> <p>Entrez Gene: 1545 CYP1B1 Related reagents</p>
Specificity	<p>Rabbit anti cytochrome P450 1B1 antibody recognises Human dioxin inducible Cytochrome P450 1B1 (CYP1B1), a catalytic protein belonging to the Cytochrome P450 family, a group of heme-thiolate mono-oxygenases.</p> <p>CYP1B1 is involved in the metabolism of an as-yet-unknown biologically active molecule that is a participant in eye development, defects in CYP1B1 are a cause of various eye defects including Peters anomaly, POAG and GLC3A.</p>
Immunohistology	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.
Histology Positive Control Tissue	Human testis
Storage	<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>
Shelf Life	18 months from date of despatch.
Health And Safety Information	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10050 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10050.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

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

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)

[HISTAR DETECTION SYSTEM \(STAR3000C\)](#)

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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

'M309940:170913'

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

Printed on 12 Jan 2018

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)