

Datasheet: VPA00769

BATCH NUMBER 170504

Description:	RABBIT ANTI CYTOCHROME P450 AROMATASE
Specificity:	CYTOCHROME P450 AROMATASE
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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
Western Blotting	■			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Rat</p> <p>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.</p>
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
Buffer Solution	TRIS buffered glycine
Preservative Stabilisers	<p>0.01% Thiomersal</p> <p><20% Glycerol</p>

Immunogen	Recombinant protein encompassing a sequence within the center region of human cytochrome P450 aromatase
External Database Links	<p>UniProt: Q9NR63 Related reagents</p> <p>Entrez Gene: 56603 CYP26B1 Related reagents</p>
Synonyms	CYP26A2, P450RAI2
Specificity	<p>Rabbit anti Human cytochrome P450 aromatase antibody recognizes cytochrome P450 aromatase, also known as CYP450 family 26 subfamily B member, cytochrome P450 retinoid metabolizing protein or cytochrome P450, family 26, subfamily B, polypeptide 1.</p> <p>This gene encodes a member of the cytochrome P450 superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to the endoplasmic reticulum, and functions as a critical regulator of all-trans retinoic acid levels by the specific inactivation of all-trans retinoic acid to hydroxylated forms. Mutations in this gene are associated with radiohumeral fusions and other skeletal and craniofacial anomalies, and increased levels of the encoded protein are associated with atherosclerotic lesions. Alternative splicing results in multiple transcript variants (provided by RefSeq, Apr 2013).</p> <p>Rabbit anti Human cytochrome P450 aromatase antibody detects a band of 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti cytochrome P450 aromatase antibody recognizes a band of approximately 58 kDa in HepG2 cell lysates
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	<p>Material Safety Datasheet documentation #20357 available at: https://www.bio-rad-antibodies.com/SDS/VPA00769 Antibody (20357)</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [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
'M371038:200529'

Printed on 18 Jan 2024

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