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Datasheet for ABIN1695985

anti-CYP20A1 antibody (AA 151-250) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	CYP20A1
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP20A1 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP20A1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Guinea Pig,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	CYP20A1
Alternative Name:	CYP20A1 (CYP20A1 Products)

Target Details

Background:	<p>Synonyms: CP20A_HUMAN, CYP M, Cyp20a1, Cytochrome P450 20A1, Cytochrome P450 monooxygenase, Cytochrome P450, family 20, subfamily A, polypeptide 1, MGC22229.</p> <p>Background: Cytochrome P450 proteins are heme-thiolate monooxygenases that mediate NADPH-dependent electron transport and function to oxidize a variety of structurally unrelated compounds, including steroids, fatty acids and xenobiotics. Specifically, Cytochrome P450s are responsible for metabolizing arachidonic acid to hydroxyeicosatetraenoic acid (a regulator of blood pressure) and epoxyeicosatrienoic acid (a molecule involved in signaling events).</p> <p>CYP20A1 (cytochrome P450, family 20, subfamily A, polypeptide 1), also known as CYP-M, is a 462 amino acid single-pass membrane protein that belongs to the cytochrome P450 family.</p> <p>CYP20A1 is thought to carry its own oxygen as it lacks a conserved I-helix motif and one amino acid of its conserved heme binding site.</p>
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Gene ID:	57404
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months