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Datasheet for ABIN893220

## anti-CYP39A1 antibody (AA 21-120) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	CYP39A1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP39A1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP39A1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	CYP39A1
Alternative Name:	CYP39A1 ( <a href="#">CYP39A1 Products</a> )
Background:	Synonyms: 24 hydroxycholesterol 7 alpha hydroxylase, cytochrome P450 family 39, subfamily A

## Target Details

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polypeptide 1, cytochrome P450 subfamily XXXIX oxysterol 7 alpha hydroxylase polypeptide 1 , hCYP39A1, Oxysterol 7 alpha hydroxylase, oxysterol 7alpha hydroxylase, CP39A\_HUMAN.

Background: The CYP39A1 gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of steroids, cholesterol and other lipids. This endoplasmic reticulum protein is involved in the conversion of cholesterol to bile acids. Its substrates include the oxysterols 25-hydroxycholesterol, 27-hydroxycholesterol and 24-hydroxycholesterol.

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Gene ID: 51302

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

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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

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months