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## Datasheet for ABIN708926

# anti-CYP39A1 antibody (AA 21-120)

### Overview

Quantity:	100 μL
Target:	CYP39A1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP39A1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### **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 (CYP39A1 Products)

#### **Target Details**

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Synonyms: 24 hydroxycholesterol 7 alpha hydroxylase, cytochrome P450 family 39, subfamily A 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.

Gene ID:

51302

Pathways:

Monocarboxylic Acid Catabolic Process

#### **Application Details**

Δn	plication	Notes:
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WB 1:300-5000

ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date:

12 months