

Rabbit anti-Human, Mouse Cytochrome P450 39A1 Polyclonal Antibody | anti-CYP39A1 antibody

Cytochrome P450 39A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31117	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Cytochrome P450 39A1; Polyclonal Antibody; Cytochrome P450 39A1 Antibody; 24 hydroxycholesterol 7 alpha hydroxylase; 24-hydroxycholesterol 7-alpha-hydroxylase; CP39A_HUMAN; Cyp39a1; cytochrome P450 family 39; subfamily A polypeptide 1; cytochrome P450 subfamily XXXIX (oxysterol 7 alpha hydroxylase) polypeptide 1; Cytochrome P450; family 39; subfamily a; polypeptide 1; hCYP39A1; Oxysterol 7 alpha hydroxylase; Oxysterol 7-alpha-hydroxylase; oxysterol 7alpha hydroxylase; anti-CYP39A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 39A1 antibody detects endogenous levels of total Cytochrome P450 39A1
Purity/Purification	Purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	449
Applicable Applications for anti-CYP39A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	<p>WB: 1:500-1:1000 IHC: 1:50-1:200 IF/ICC: 1:100-1:500 ELISA (peptide): 1:20000-1:40000</p> <p>The optimal dilutions should be determined by the end user IMPORTANT: For western blots, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.</p>
Immunogen	A synthesized peptide derived from human Cytochrome P450 39A1, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using Cytochrome P450 3A1 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
AAA31117 staining LOVO cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	525313655
NCBI GeneID	51302
NCBI Accession #	NP_001265667.1
NCBI GenBank Nucleotide #	NM_001278738.1
UniProt Accession #	Q9NYL5; Q5VTT0; Q96FW5
Molecular Weight	54 KD
NCBI Official Full Name	24-hydroxycholesterol 7-alpha-hydroxylase isoform 2
NCBI Official Synonym Full Names	cytochrome P450 family 39 subfamily A member 1
NCBI Official Symbol	CYP39A1
NCBI Protein Information	24-hydroxycholesterol 7-alpha-hydroxylase
UniProt Protein Name	24-hydroxycholesterol 7-alpha-hydroxylase
UniProt Gene Name	CYP39A1
UniProt Synonym Gene Names	hCYP39A1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.