

Rabbit anti-Human Cytochrome P450 2C8/9/18/19 Polyclonal Antibody | anti-CYP2C18 antibody

Cytochrome P450 2C8/9/18/19 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324262	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Cytochrome P450 2C8/9/18/19; Polyclonal Antibody; Cytochrome P450 2C8/9/18/19 Antibody; (S) mephenytoin hydroxylase associated cytochrome P450; CPCI; CYP2C 18; CYP2C; CYP2C17; CYP11C18; Cytochrome P450 2C18; Cytochrome P450 6B/29C; Cytochrome P450 family 2 subfamily C polypeptide 18; Cytochrome P450 subfamily IIC (mephenytoin 4 hydroxylase) polypeptide 17; Cytochrome P450 subfamily IIC (mephenytoin 4 hydroxylase) polypeptide 18; Flavoprotein linked monooxygenase; Microsomal monooxygenase; P450 6B/29C; P450IIC17; Unspecific monooxygenase; CP2C8_HUMAN; CPC8; CYP2C8; CYP11C8; Cytochrome P450 2C8; Cytochrome P450 family 2 subfamily C polypeptide 8; Cytochrome P450 form 1; Cytochrome P450 IIC2; Cytochrome P450 MP-12; Cytochrome P450 MP-20; Cytochrome P450 subfamily IIC (mephenytoin 4 hydroxylase) polypeptide 8; MP 12/MP 20; P450 form 1; P450 IIC2; P450 MP 12/MP 20; S mephenytoin 4 hydroxylase; S-mephenytoin 4-hydroxylase; Xenobiotic monooxygenase; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; CP2C9_HUMAN; CPC9; CYP2C10; CYP2C9; CYP11C9; cytochrome P-450 S-mephenytoin 4-hydroxylase; Cytochrome P-450MP; Cytochrome P450 2C9; Cytochrome P450 MP-4; Cytochrome P450 MP-8; Cytochrome P450 PB-1; Cytochrome P450; family 2; subfamily C; polypeptide 9; Cytochrome p4502C9; flavoprotein-linked monooxygenase; MGC149605; MGC88320; microsomal monooxygenase; OTTHUMP00000020135; P450 MP; P450 PB 1; P450 PB1; P450IIC9; P450MP; xenobiotic monooxygenase; CYP2C19; CYP11C17; CYP11C19; Cytochrome P450 2C19; Cytochrome P450-11A; Cytochrome P450-254C; Mephenytoin 4-hydroxylase; anti-CYP2C18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 2C8/9/18/19 antibody detects endogenous levels of total Cytochrome P450 2C8/9/18/19
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	490
Applicable Applications for anti-CYP2C18 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane; Peripheral Membrane Protein. Microsome Membrane; Peripheral Membrane Protein.
Tissue Specificity	P450 can be induced to high levels in liver and other tissues by various foreign compounds, including drugs, pesticides, and carcinogens.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using Cytochrome P450 2C8/9/18/19 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324262 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.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2C18 antibody

Function: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.
Similarity: Belongs to the cytochrome P450 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699816
NCBI GeneID	1562
NCBI Accession #	NP_000763.1
NCBI GenBank Nucleotide #	NM_000772.2
UniProt Accession #	P33260; Q16703; Q16751; Q4VAT5; Q6GRG1; B2R8K2
Molecular Weight	Observed: 60 kD Predicted: 56 kDa
NCBI Official Full Name	cytochrome P450 2C18 isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily C member 18
NCBI Official Symbol	CYP2C18
NCBI Official Synonym Symbols	CPCI; CYP2C; CYP2C17; P450IIC17; P450-6B/29C
NCBI Protein Information	cytochrome P450 2C18
UniProt Protein Name	Cytochrome P450 2C18
UniProt Gene Name	CYP2C18

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2c8-9-18-19-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324262>