Rabbit Cytochrome P450 2C8/9/18/19 Polyclonal Antibody | anti-CYP2C8 antibody

Anti-Cytochrome P450 2C8/9/18/19 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264154	**Rabbit**	**Human, Mouse, Rat, Bovine, Monkey**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

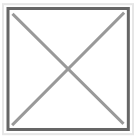
PRODUCT SYNONYMS

Cytochrome P450 2C8/9/18/19; Polyclonal Antibody; Anti-Cytochrome P450 2C8/9/18/19 Antibody; CYP2C8; Cytochrome P450 2C8; CYPIIC8; Cytochrome P450 IIC2; Cytochrome P450 MP-12; Cytochrome P450 MP-20; Cytochrome P450 form 1; S-mephenytoin 4-hydroxylase; CYP2C9; CYP2C10; Cytochrome P450 2C9; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; CYPIIC9; Cytochrome P-450MP; Cytochrome P450 MP-4; Cytochrome P450 MP-8; Cytochrome P450 PB-1; CYP2C18; Cytochrome P450 2C18; CYPIIC18; Cytochrome P450-6b/29c; CYP2C19; Cytochrome P450 2C19; CYPIIC17; CYPIIC19; Cytochrome P450-11A; Cytochrome P450-254C; Mephenytoin 4-hydroxylase; anti-CYP2C8 antibody

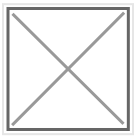
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytochrome P450 2C8/9/18/19 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-CYP2C8 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2C8/9/18/19. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of Cytochrome P450 2C8/9/18/19 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of Cytochrome P450 2C8/9/18/19 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Cytochrome P450 2C8/9/18/19 expression in rat liver (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2C8 antibody	Rabbit polyclonal antibody to Cytochrome P450 2C8/9/18/19

NCBI AND UNIPROT INFORMATION

NCBI GI #	98991773
NCBI GeneID	1558
NCBI Accession #	NP_000761.3
NCBI GenBank Nucleotide #	NM_000770.3
UniProt Accession #	P10632; P11712; P33260; P33261
Molecular Weight	55,825 Da
NCBI Official Full Name	cytochrome P450 2C8 isoform a
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily C, polypeptide 8
NCBI Official Symbol	CYP2C8
NCBI Official Synonym Symbols	CPC8; CYPIIC8; MP-12/MP-20
NCBI Protein Information	cytochrome P450 2C8; P450 form 1; cytochrome P450 IIC2; cytochrome P450 MP-12; cytochrome P450 MP-20; cytochrome P450 form 1; microsomal monooxygenase; xenobiotic monooxygenase; s-mephenytoin 4-hydroxylase; flavoprotein-linked monooxygenase; cytochrome P4
UniProt Protein Name	Cytochrome P450 2C8
UniProt Gene Name	**CYP2C8**
UniProt Entry Name	CP2C8_HUMAN

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.

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