

Rabbit anti-Human CYP2C9 Polyclonal Antibody | anti-CYP2C9 antibody

CYP2C9 Antibody (Center)

CATALOG # AAA289641	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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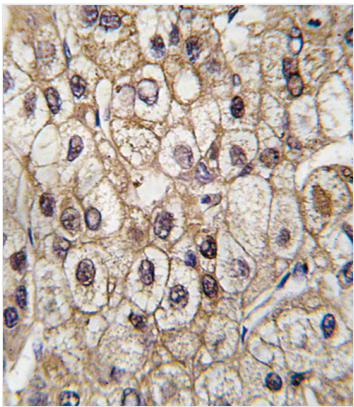
PRODUCT SYNONYMS

CYP2C9; Polyclonal Antibody; CYP2C9 Antibody (Center); Cytochrome P450 2C9; 11413-; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; CYP11C9; Cytochrome P-450MP; Cytochrome P450 MP-4; Cytochrome P450 MP-8; Cytochrome P450 PB-1; S-mephenytoin 4-hydroxylase; CYP2C10; anti-CYP2C9 antibody

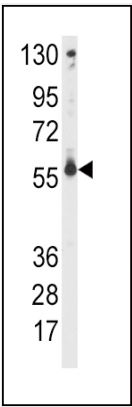
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP2C9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-265 amino acids from the Central region of human CYP2C9.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	235-265
Sequence Length	162
Applicable Applications for anti-CYP2C9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CYP2C9 antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-CYP2C9 Antibody (Center) in CEM cell line lysates (35ug/lane).CYP2C9(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2C9 antibody	CYP2C9 is 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 cholesterol, steroids and other lipids. The protein localizes to the endoplasmic reticulum and its expression is induced by rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin.
Product Categories/Family for anti-CYP2C9 antibody	Cardiovascular; Metabolism; Signal transduction
References	Nelson,D.R., Pharmacogenetics 14 (1), 1-18 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699818
NCBI GeneID	1559
NCBI Accession #	NP_000762.2
NCBI GenBank Nucleotide #	NM_000771.3
UniProt Accession #	P11712; P11713; Q16756; Q16872; Q5VX92; Q6IRV8; Q8WW80
Molecular Weight	55628
NCBI Official Full Name	cytochrome P450 2C9
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily C, polypeptide 9
NCBI Official Symbol	CYP2C9
NCBI Official Synonym Symbols	CPC9; CYP2C; CYP2C10; CYP11C9; P45011C9
NCBI Protein Information	cytochrome P450 2C9
UniProt Protein Name	Cytochrome P450 2C9
UniProt Gene Name	CYP2C9
UniProt Synonym Gene Names	CYP2C10
UniProt Entry Name	CP2C9_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp2c9-antibody-immunohistochemistry-western-blot-elisa/289641>