

Rabbit anti-Human Cytochrome P450 2C8 Polyclonal Antibody | anti-CYP2C8 antibody

Cytochrome P450 2C8 Antibody

CATALOG # AAA301601	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Cytochrome P450 2C8; Polyclonal Antibody; Cytochrome P450 2C8 Antibody; EC 1.14.14.1; CYP11C8; P450 form 1; P450 MP-12/MP-20; anti-CYP2C8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Cytochrome P450 2C8 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	490
Applicable Applications for anti-CYP2C8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Cytochrome P450 2C8.
Target Name	Cytochrome P450 2C8
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human testis tissue, using Cytochrome P450 2C8 antibody.



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using Cytochrome P450 2C8 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2C8 antibody

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. In the epoxidation of arachidonic acid it generates only 14,15- and 11,12-cis-epoxyeicosatrienoic acids. It is the principal enzyme responsible for the metabolism the anti-cancer drug paclitaxel (taxol).Romkes M., Biochemistry 30:3247-3255(1991).Ged C., Biochim. Biophys. Acta 1088:433-435(1991).Zeldin D.C., Arch. Biochem. Biophys. 322:76-86(1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	98991773
NCBI GeneID	1558
NCBI Accession #	NP_000761.3
NCBI GenBank Nucleotide #	NM_000770.3
UniProt Accession #	P10632; Q5VX93; Q8WWB1; Q9UCZ9; A8K9N8; B0AZN2; B7Z1F6
Molecular Weight	44,358 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; CYP11C8; MP-12/MP-20
NCBI Protein Information	cytochrome P450 2C8
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2c8-antibody-immunohistochemistry-western-blot-elisa/301601>