

Rabbit anti-Human CYP2C18 Polyclonal Antibody | anti-CYP2C18 antibody

CYP2C18 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284781	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

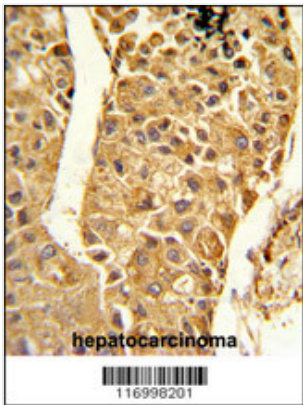
PRODUCT SYNONYMS

CYP2C18; Polyclonal Antibody; CYP2C18 Antibody (C-term); Cytochrome P450 2C18; CYP11C18; Cytochrome P450-6b/29c; anti-CYP2C18 antibody

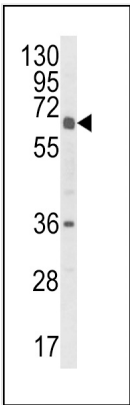
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP2C18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 448-478 amino acids from the C-terminal region of human CYP2C18.
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	448-478
Sequence Length	431
Applicable Applications for anti-CYP2C18 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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with CYP2C18 Antibody (C-term), 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 CYP2C18 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). CYP2C18 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2C18 antibody	CYP2C18 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. This protein localizes to the endoplasmic reticulum but its specific substrate has not yet been determined.
Product Categories/Family for anti-CYP2C18 antibody	Cardiovascular; Metabolism; Signal transduction
References	Beausoleil,S.A., et.al., Proc. Natl. Acad. Sci. U.S.A. 101 (33), 12130-12135 (2004) Nelson,D.R., et.al., Pharmacogenetics 14 (1), 1-18 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699816
NCBI GeneID	1562
NCBI Accession #	NP_000763.1; NP_001122397.1
NCBI GenBank Nucleotide #	NM_000772.2
UniProt Accession #	P33260; Q16703; Q16751; Q4VAT5; Q6GRG1; B2R8K2
Molecular Weight	55711
NCBI Official Full Name	cytochrome P450 2C18 isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily C, polypeptide 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
UniProt Entry Name	CP2CI_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/cyp2c18-antibody-immunohistochemistry-western-blot-elisa/284781>