

Rabbit anti-Human CYP4B1 Polyclonal Antibody | anti-CYP4B1 antibody

CYP4B1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284609	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CYP4B1; Polyclonal Antibody; CYP4B1 Antibody (Center); Cytochrome P450 4B1; CYP4B1; Cytochrome P450-HP; anti-CYP4B1 antibody

PRODUCT SPECIFICATIONS

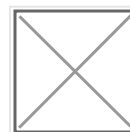
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP4B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-362 amino acids from the Central region of human CYP4B1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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	331-362
Sequence Length	511
Applicable Applications for anti-CYP4B1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
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



IF (Immunofluorescence)

Confocal immunofluorescent analysis of CYP4B1 Antibody (Center) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma reacted with CYP4B1 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 CYP4B1 Antibody (Center) in MDA-MB468 cell line lysates (35ug/lane). CYP4B1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP4B1 antibody	CYP4B1 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. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined.
Product Categories/Family for anti-CYP4B1 antibody	Cardiovascular ; Metabolism ; Signal transduction
References	McKinnon,R.A., et.al., Pharmacogenetics 4 (5), 260-270 (1994) Yokotani,N., et.al., Eur. J. Biochem. 187 (1), 23-29 (1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153218660
NCBI GeneID	1580
NCBI Accession #	NP_000770.2 ; NP_001093242.1
NCBI GenBank Nucleotide #	NM_000779.3
UniProt Accession #	P13584 ; Q1HBI2 ; Q8TD85 ; Q8WWF2 ; Q8WWU9 ; Q8WWV0
Molecular Weight	58991
NCBI Official Full Name	cytochrome P450 4B1 isoform b
NCBI Official Synonym Full Names	cytochrome P450, family 4, subfamily B, polypeptide 1
NCBI Official Symbol	CYP4B1
NCBI Official Synonym Symbols	CYPIVB1; P-450HP
NCBI Protein Information	cytochrome P450 4B1
UniProt Protein Name	Cytochrome P450 4B1
UniProt Gene Name	CYP4B1
UniProt Entry Name	CP4B1_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/cyp4b1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/284609>