

Rabbit CYP4B1 Polyclonal Antibody | anti-CYP4B1 antibody

CYP4B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198997	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

CYP4B1; Polyclonal Antibody; CYP4B1 antibody - N-terminal region; anti-CYP4B1 antibody

PRODUCT SPECIFICATIONS

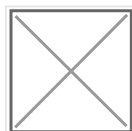
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SW AHQFPYAHPL WFGQFIGFLN IYEPDYAKAV YSRGDPKAPD VYDFFLQW
Sequence Length	511
Applicable Applications for anti-CYP4B1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CYP4B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

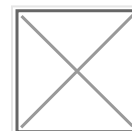
IMAGES


WB (Western Blot)

WB Suggested Anti-CYP4B1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human brain

WB (Western Blot)

Host: Rabbit
Target Name: CYP4B1
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml

WB (Western Blot)

Host: Rabbit
Target Name: CYP4B1
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml

WB (Western Blot)

Host: Rabbit
Target Name: CYP4B1
Sample Type: Human Fetal Liver
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CYP4B1 antibody	This is a rabbit polyclonal antibody against CYP4B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.This gene encodes 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. Two transcript variants encoding slightly different isoforms have been found for this gene.
Product Categories/Family for anti-CYP4B1 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	153218660
NCBI GeneID	1580
NCBI Accession #	NP_000770
NCBI GenBank Nucleotide #	NM_000779
UniProt Accession #	P13584
Molecular Weight	59kDa
NCBI Official Full Name	cytochrome P450 4B1 isoform b
NCBI Official Synonym Full Names	cytochrome P450 family 4 subfamily B member 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.