

Rabbit CYP1B1 Polyclonal Antibody | anti-CYP1B1 antibody

CYP1B1 Polyclonal Antibody

CATALOG # AAA36999	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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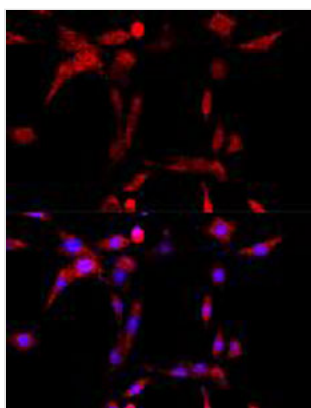
PRODUCT SYNONYMS

CYP1B1; Polyclonal Antibody; CYP1B1 Polyclonal Antibody; ASGD6; CP1B; CYP1B1; GLC3A; P4501B1; cytochrome P450 1B1; anti-CYP1B1 antibody

PRODUCT SPECIFICATIONS

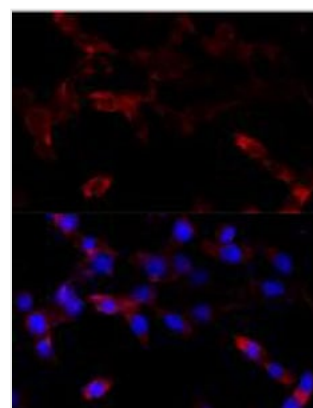
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	543
Applicable Applications for anti-CYP1B1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human CYP1B1 (NP_000095.2)
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Calculated MW	60 kDa
Observed MW	62 kDa
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



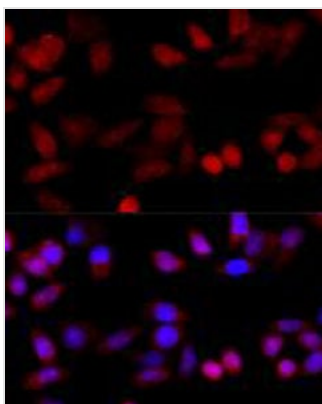
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using CYP1B1 antibody (AAA36999) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining



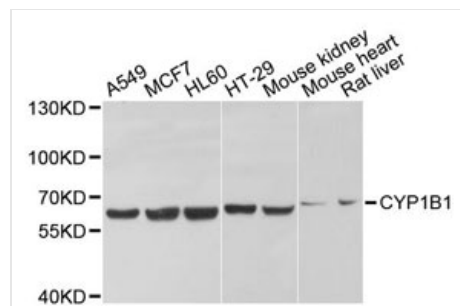
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using CYP1B1 antibody (AAA36999) at dilution of 1:100 (40x lens). Blue DAPI for nuclear staining



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CYP1B1 antibody (AAA36999) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CYP1B1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP1B1 antibody	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. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.
Product Categories/Family for anti-CYP1B1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	48429256
NCBI GeneID	1545
UniProt Accession #	Q16678; Q5TZW8; Q93089; Q9H316
NCBI Official Full Name	Cytochrome P450 1B1
NCBI Official Synonym Full Names	cytochrome P450, family 1, subfamily B, polypeptide 1
NCBI Official Symbol	CYP1B1
NCBI Official Synonym Symbols	CP1B; GLC3A; CYP1B1; P4501B1
NCBI Protein Information	cytochrome P450 1B1; microsomal monooxygenase; xenobiotic monooxygenase; aryl hydrocarbon hydroxylase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily I (dioxin-inducible), polypeptide 1 (glaucoma 3, primary infantile)
UniProt Protein Name	Cytochrome P450 1B1
UniProt Gene Name	CYP1B1
UniProt Entry Name	CP1B1_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/cyp1b1-antibody-immunofluorescence-western-blot-elisa/36999>