Rabbit Cytochrome P450 3A4/5 Polyclonal Antibody | anti-CYP3A4/5 antibody

Anti-Cytochrome P450 3A4/5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292270	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

Cytochrome P450 3A4/5; Polyclonal Antibody; Anti-Cytochrome P450 3A4/5 Antibody; CYP3A4; CYP3A3; Cytochrome P450 3A4; 1; 8-cineole 2-exo-monooxygenase; Albendazole monooxygenase; Albendazole sulfoxidase; CYPIIIA3; CYPIIIA4; Cytochrome P450 3A3; Cytochrome P450 HLp; Cytochrome P450 NF-25; Cytochrome P450-PCN1; Nifedipine oxidase; Quinine 3-monooxygenase; Taurochenodeoxycholate 6-alpha-hydroxylase; CYP3A5; Cytochrome P450 3A5; CYPIIIA5; Cytochrome P450 HLp2; Cytochrome P450-PCN3; anti-CYP3A4/5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-CYP3A4/5 antibody	IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IF (Immunofluorescence)
Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500

IHC (Immunohiostchemistry)
Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)Immunohistochemical analysis of Cytochrome P450 3A4/5 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)Western blot analysis of Cytochrome P450 3A4/5 expression in HCT116 (A), PC3 (B), LO2 (C), HepG2 (D), mouse liver (E), rat liver (F) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP3A4/5 antibody	Rabbit polyclonal antibody to Cytochrome P450 3A4/5 KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 3A4/5. The exact sequence is proprietary.

NCBI AND UNIPROT INFORMATION

NCBI GI #	322302351
NCBI GeneID	1576
NCBI Accession #	NP_001189784.1
NCBI GenBank Nucleotide #	NM_001202855.2
UniProt Accession #	P08684; P20815
Molecular Weight	57,343 Da
NCBI Official Full Name	cytochrome P450 3A4 isoform 2
NCBI Official Synonym Full Names	cytochrome P450, family 3, subfamily A, polypeptide 4
NCBI Official Symbol	CYP3A4
NCBI Official Synonym Symbols	HLP; CP33; CP34; CYP3A; NF-25; CYP3A3; P450C3; CYPIIIA3; CYPIIIA4; P450PCN1
NCBI Protein Information	cytochrome P450 3A4; nifedipine oxidase; cytochrome P450 3A3; cytochrome P450 HLp; cytochrome P450-PCN1; cytochrome P450 NF-25; albendazole sulfoxidase; quinine 3-monooxygenase; albendazole monooxygenase; P450-III, steroid inducible; glucocorticoid-induci
UniProt Protein Name	Cytochrome P450 3A4
UniProt Gene Name	**CYP3A4**
UniProt Synonym Gene Names	CYP3A3
UniProt Entry Name	CP3A4_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-p450-3a4-5-antibody-immunohistochemistry-immunochemistry-immunofluorescence-western-blot-elisa/292270