

Rabbit CYP2F1 Polyclonal Antibody | anti-CYP2F1 antibody

CYP2F1 Antibody (C-term)

CATALOG # AAA290237	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CYP2F1; Polyclonal Antibody; CYP2F1 Antibody (C-term); Cytochrome P450 2F1; CYP11F1; anti-CYP2F1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP2F1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 395-424 amino acids from the C-terminal region of human CYP2F1.
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	395-424
Sequence Length	320
Applicable Applications for anti-CYP2F1 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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CYP2F1 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 CYP2F1 Antibody (C-term) in A2058 cell line lysates (35ug/lane).CYP2F1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2F1 antibody	CYP2F1 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 and is known to dehydrogenate 3-methylindole, an endogenous toxin derived from the fermentation of tryptophan, as well as xenobiotic substrates such as naphthalene and ethoxycoumarin.
Product Categories/Family for anti-CYP2F1 antibody	Cell Biology; Metabolism; Signal transduction
References	Tournel,G., Xenobiotica 37 (12), 1433-1438 (2007) Tournel,G., Mutat. Res. 617 (1-2), 79-89 (2007) Nelson,D.R., Pharmacogenetics 14 (1), 1-18 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743565
NCBI GeneID	1572
NCBI Accession #	NP_000765.2
NCBI GenBank Nucleotide #	NM_000774.3
UniProt Accession #	P24903; Q32MN5; Q8WWJ2; A7KAU6; A7KAU7; A7KAU8; A7KAU9; A7KAV0
Molecular Weight	55501
NCBI Official Full Name	cytochrome P450 2F1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily F, polypeptide 1
NCBI Official Symbol	CYP2F1
NCBI Official Synonym Symbols	C2F1; CYP2F
NCBI Protein Information	cytochrome P450 2F1
UniProt Protein Name	Cytochrome P450 2F1
UniProt Gene Name	CYP2F1
UniProt Entry Name	CP2F1_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/cyp2f1-antibody-immunohistochemistry-western-blot-elisa/290237>