

Rabbit Cytochrome P450 4A11 Polyclonal Antibody | anti-CYP4A11 antibody

Cytochrome P450 4A11 antibody

CATALOG #	HOST	APPLICATIONS
AAA107788	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

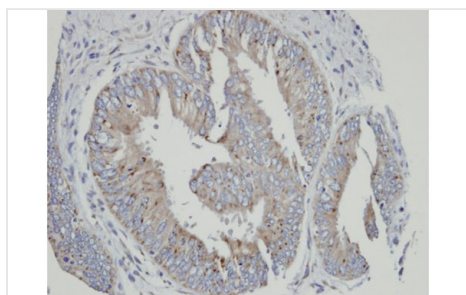
PRODUCT SYNONYMS

Cytochrome P450 4A11; Polyclonal Antibody; Cytochrome P450 4A11 antibody; Polyclonal Cytochrome P450 4A11; Anti-Cytochrome P450 4A11; CP4Y; 20-hydroxyecosatetraenoic acid synthase; CYP4A11; Cytochrome P 4A11 450; cytochrome P450 subfamily IVA polypeptide 11; Cytochrome P 4A11-450; CYP4A11; cytochrome P450HL-omega; CYP4A11; CYP4A2; anti-CYP4A11 antibody

PRODUCT SPECIFICATIONS

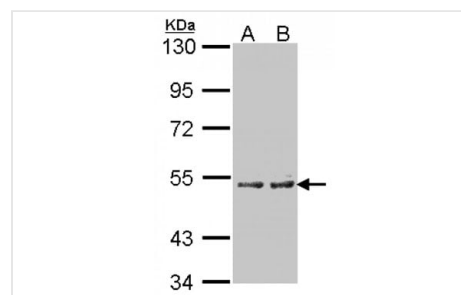
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Cytochrome P450 4A11 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.57 mg/ml (varies by lot)
Sequence Length	519
Applicable Applications for anti-CYP4A11 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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 and hydroxylates medium-chain fatty acids such as laurate and myristate.
Cross-Reactivity	Human
Immunogen	Cytochrome P450 4A11 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 48 and 316 of Cytochrome P450 4A11
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



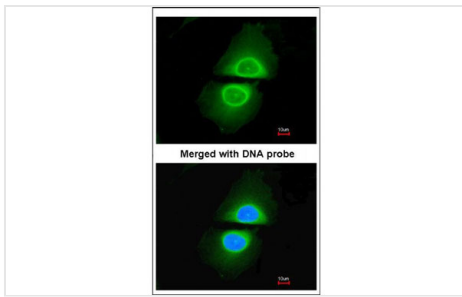
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded mixed OVCA using Cytochrome P450 4A11 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431; B: H1299) using a 7.5 % SDS PAGE gel and Cytochrome P450 4A11 antibody at a dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Cytochrome P450 4A11 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP4A11 antibody	Affinity purified Rabbit polyclonal Cytochrome P450 4A11 antibody
Product Categories/Family for anti-CYP4A11 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	158937242
NCBI GeneID	1579
NCBI Accession #	NP_000769.2
NCBI GenBank Nucleotide #	NM_000778.3
UniProt Accession #	Q02928 ; Q06766 ; Q16865 ; Q16866 ; Q5VSP8 ; Q86SU6 ; Q8IWY5
Molecular Weight	59 kDa
NCBI Official Full Name	cytochrome P450 4A11
NCBI Official Synonym Full Names	cytochrome P450, family 4, subfamily A, polypeptide 11
NCBI Official Symbol	CYP4A11
NCBI Official Synonym Symbols	CP4Y; CYP4A2; CYP4AII
NCBI Protein Information	cytochrome P450 4A11
UniProt Protein Name	Cytochrome P450 4A11
UniProt Gene Name	CYP4A11
UniProt Synonym Gene Names	CYP4A2; 20-HETE synthase
UniProt Entry Name	CP4AB_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-p450-4a11-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107788>