

Rabbit anti-Human Cytochrome P450 4A (CYP4A11) Monoclonal Antibody | anti-CYP4A11 antibody

Cytochrome P450 4A (CYP4A11) Rabbit mAb

CATALOG # AAA282783	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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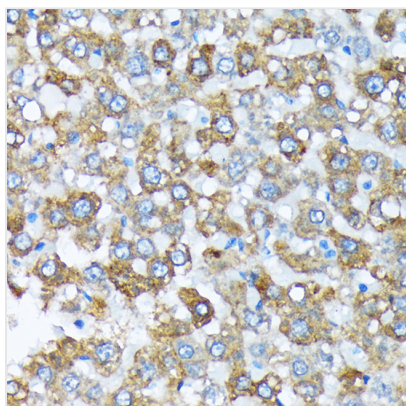
PRODUCT SYNONYMS

Cytochrome P450 4A (CYP4A11); Monoclonal Antibody; Cytochrome P450 4A (CYP4A11) Rabbit mAb; CP4Y; CYP4A2; CYP4AII; CYPIVA11; anti-CYP4A11 antibody

PRODUCT SPECIFICATIONS

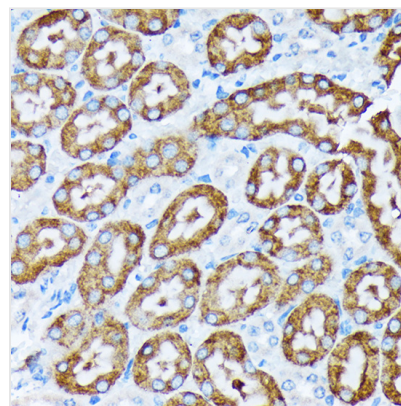
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	QFPCPPSHWL FGHIQELQQD QELQRIQKWV ETFPSACPHW LWGGKVRVQL YDPDYMKVIL GRSDPKSHGS YRFLAPWIGY GLLLLNGQTW FQHRRLTPA F
Applicable Applications for anti-CYP4A11 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Cytochrome P450 4A (CYP4A11)(CYP4A11)(Q02928).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



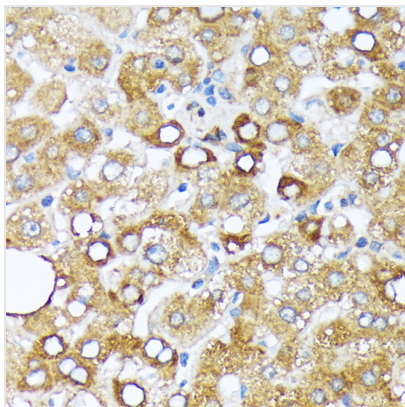
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Cytochrome P450 4A (CYP4A11) Rabbit mAb (AAA282783) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



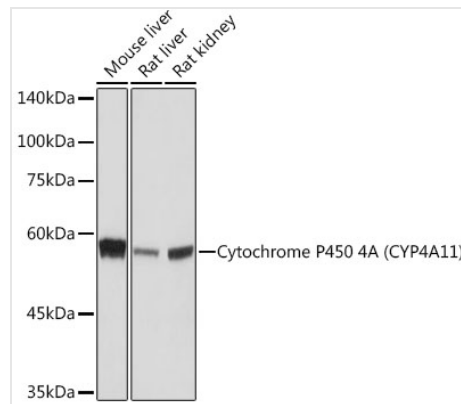
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Cytochrome P450 4A (CYP4A11) Rabbit mAb (AAA282783) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using Cytochrome P450 4A (CYP4A11) Rabbit mAb (AAA282783) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using Cytochrome P450 4A (CYP4A11) (CYP4A11) Rabbit mAb (AAA282783) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP4A11 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. This protein localizes to the endoplasmic reticulum and hydroxylates medium-chain fatty acids such as laurate and myristate. Multiple transcript variants have been found for this gene.
Product Categories/Family for anti-CYP4A11 antibody	Cancer; Signal Transduction; Endocrine Metabolism; Mitochondrial metabolism; Mitochondrial markers; Lipid Metabolism; Lipases; Drug metabolism; Cardiovascular; Lipids; 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	Calculated MW: 59kDa
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/monoclonal/cytochrome-p450-4a-cyp4a11-antibody-immunohistochemistry-western-blot-elisa/282783>