

Rabbit CYP46A1 Polyclonal Antibody | anti-CYP46A1 antibody

CYP46A1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199298	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

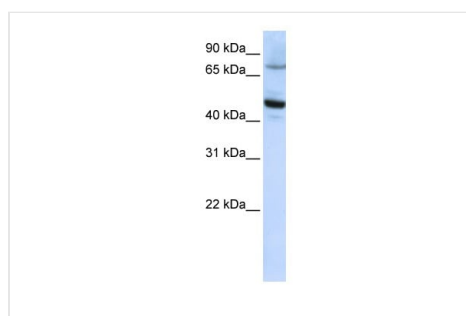
PRODUCT SYNONYMS

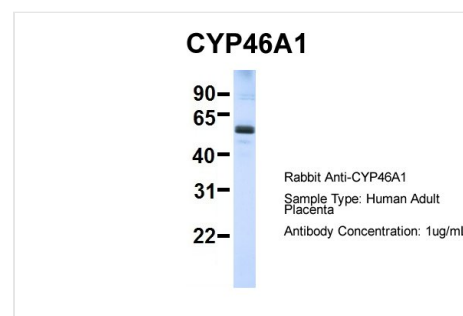
CYP46A1; Polyclonal Antibody; CYP46A1 antibody - C-terminal region; anti-CYP46A1 antibody

PRODUCT SPECIFICATIONS

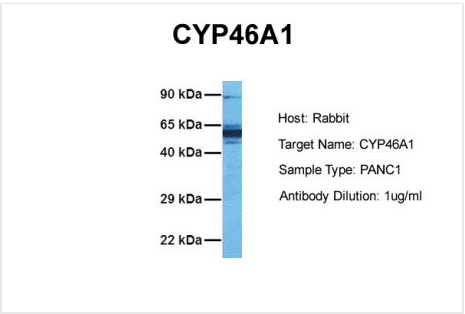
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YV MGRMDTYFED PLTFNPDRFG PGAPKPRFTY FPFSLGHRSC IGQQAQM
Sequence Length	500
Applicable Applications for anti-CYP46A1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CYP46A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CYP46A1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: SERPINA3
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: CYP46A1Sample Tissue: Human PANC1Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CYP46A1 antibody	This is a rabbit polyclonal antibody against CYP46A1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CYP46A1 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 hydroxylates medium-chain fatty acids such as laurate and myristate.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 endoplasmic reticulum protein is expressed in the brain, where it converts cholesterol to 24S-hydroxycholesterol. While cholesterol cannot pass the blood-brain barrier, 24S-hydroxycholesterol can be secreted in the brain into the circulation to be returned to the liver for catabolism. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-CYP46A1 antibody	Polyclonal; Neurobiology; Signal Proteins; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729796
NCBI GeneID	10858
NCBI Accession #	NP_006659
NCBI GenBank Nucleotide #	NM_006668
UniProt Accession #	Q9Y6A2
Molecular Weight	57kDa
NCBI Official Full Name	cholesterol 24-hydroxylase
NCBI Official Synonym Full Names	cytochrome P450 family 46 subfamily A member 1
NCBI Official Symbol	CYP46A1
NCBI Official Synonym Symbols	CP46; CYP46
NCBI Protein Information	cholesterol 24-hydroxylase
UniProt Protein Name	Cholesterol 24-hydroxylase
UniProt Gene Name	CYP46A1
UniProt Synonym Gene Names	CYP46; CH24H
UniProt Entry Name	CP46A_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/cyp46a1-antibody-western-blot-elisa/199298>