

Rabbit Cytochrome P450 46A1 Polyclonal Antibody | anti-CYP46A1 antibody

Cytochrome P450 46A1 Antibody

CATALOG # AAA327734	HOST Rabbit	REACTIVITY Human, Mouse, Monkey	APPLICATIONS ELISA, Western Blot
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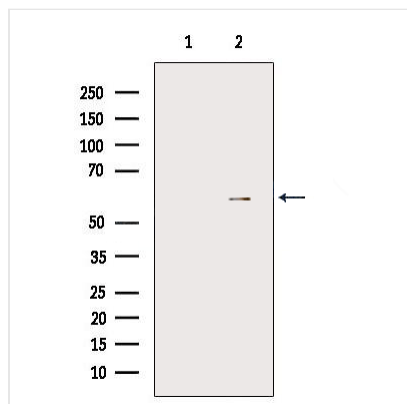
PRODUCT SYNONYMS

Cytochrome P450 46A1; Polyclonal Antibody; Cytochrome P450 46A1 Antibody; Cholesterol 24-hydroxylase; CP46; CYP46; cytochrome P450 family 46; anti-CYP46A1 antibody

PRODUCT SPECIFICATIONS

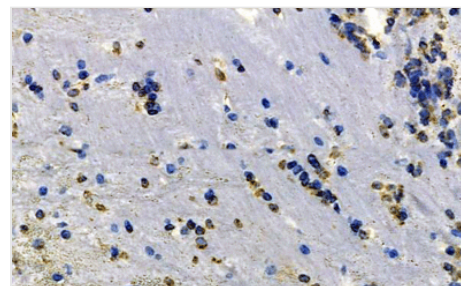
Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 46A1 antibody detects endogenous levels of total Cytochrome P450 46A1
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-CYP46A1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytochrome P450 46A1, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C.

IMAGES



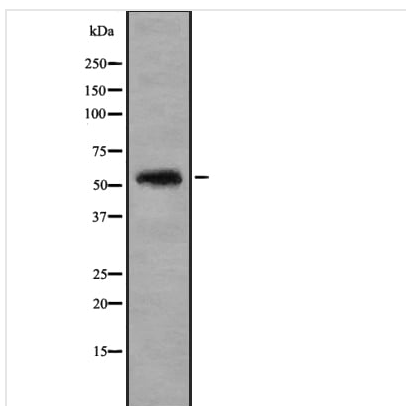
WB (Western Blot)

Western blot analysis of extracts from VERO cells, using Cytochrome P450 46A1 Antibody. The lane on the left was treated with blocking peptide.



IHC (Immunohistochemistry)

AAA327734 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Cytochrome P450 46A1 using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CYP46A1 antibody

Function: Involved in the turnover of cholesterol. It converts cholesterol into 24S-hydroxycholesterol and, to a lesser extent, 25-hydroxycholesterol. Has also activity with xenobiotic compounds, such as clotrimazole.
Similarity: Belongs to the cytochrome P450 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729796
NCBI GeneID	10858
NCBI Accession #	NP_006659.1
NCBI GenBank Nucleotide #	NM_006668.1
UniProt Accession #	Q9Y6A2; Q8N2B0; B4DHP8; E7EQG9
Molecular Weight	57 kDa
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

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-p450-46a1-antibody-western-blot-elisa/327734>