

Rabbit anti-Human CYP46A1 Polyclonal Antibody | anti-CYP46A1 antibody

CYP46A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301313	Rabbit	Human	Immunohistochemistry, Western Blot

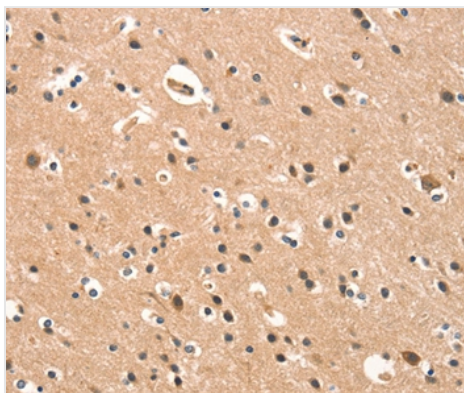
PRODUCT SYNONYMS

CYP46A1; Polyclonal Antibody; CYP46A1 Antibody; CP46; CYP46; anti-CYP46A1 antibody

PRODUCT SPECIFICATIONS

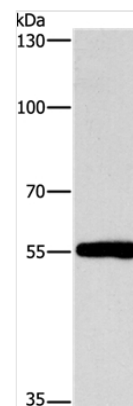
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CYP46A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.1 mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-CYP46A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human cytochrome P450, family 46, subfamily A, polypeptide 1
Target Name	CYP46A1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/15.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human lymphoma tissue Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CYP46A1 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 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.
Product Categories/Family for anti-CYP46A1 antibody	Total protein Ab

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	38,315 Da
NCBI Official Full Name	cholesterol 24-hydroxylase
NCBI Official Synonym Full Names	cytochrome P450, family 46, subfamily A, polypeptide 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://www.aaabiotech.com/polyclonal/cyp46a1-antibody-immunohistochemistry-western-blot-elisa/301313>