

Rabbit CYP46A1 Polyclonal Antibody | anti-CYP46A1 antibody

CYP46A1 Polyclonal Antibody

CATALOG # AAA166339	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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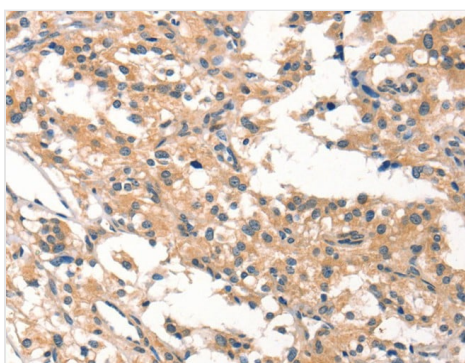
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

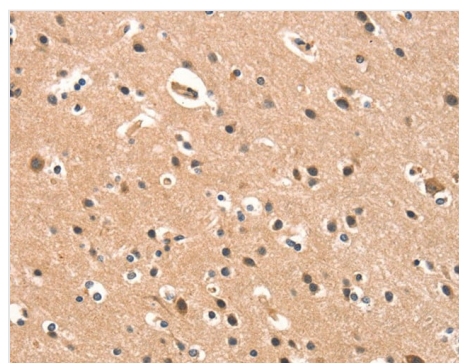
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.1mg/mL (varies by lot)
Sequence Length	500
Applicable Applications for anti-CYP46A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human CYP46A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



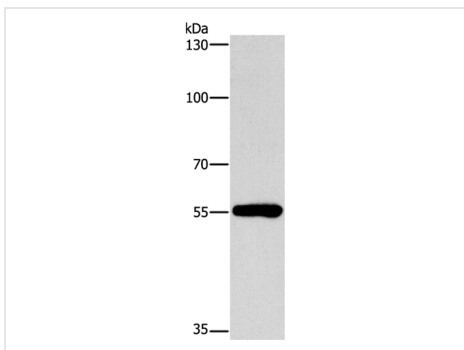
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using CYP46A1 Polyclonal Antibody at dilution of 1:15



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using CYP46A1 Polyclonal Antibody at dilution of 1:15



WB (Western Blot)

Western Blot analysis of Human lymphoma tissue using CYP46A1 Polyclonal Antibody at dilution of 1:200

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729796
NCBI GeneID	10858
NCBI Accession #	NP_006659.1
NCBI GenBank Nucleotide #	NM_006668.1
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; CH24H; cytochrome P450 46A1; cytochrome P450, subfamily 46 (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-immunohistochemistry-western-blot-elisa/166339>