

Rabbit CYP11A1 Polyclonal Antibody | anti-CYP11A1 antibody

CYP11A1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313657	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

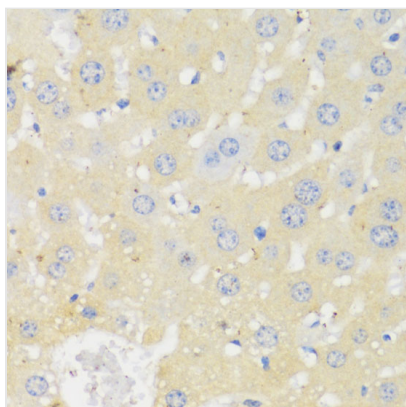
PRODUCT SYNONYMS

CYP11A1; Polyclonal Antibody; CYP11A1 Rabbit Polyclonal Antibody; CYP11A; CYPXIA1; P450SCC; anti-CYP11A1 antibody

PRODUCT SPECIFICATIONS

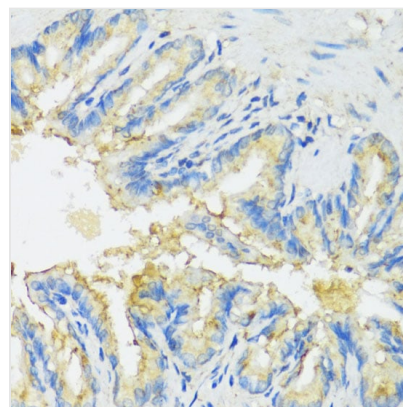
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CYP11A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CYP11A1 (NP_000772.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



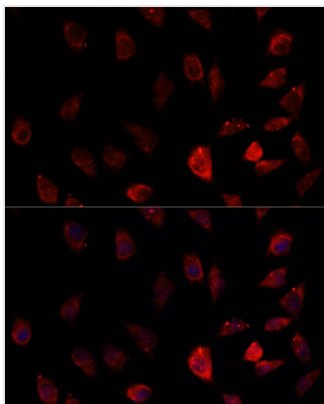
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using CYP11A1 at dilution of 1:100 (40x lens).



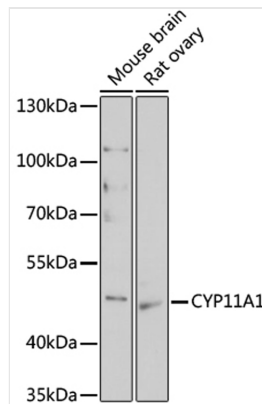
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using CYP11A1 at dilution of 1:100 (40x lens).



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using CYP11A1 at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CYP11A1 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP11A1 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 mitochondrial inner membrane and catalyzes the conversion of cholesterol to pregnenolone, the first and rate-limiting step in the synthesis of the steroid hormones. Two transcript variants encoding different isoforms have been found for this gene. The cellular location of the smaller isoform is unclear since it lacks the mitochondrial-targeting transit peptide.
Product Categories/Family for anti-CYP11A1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	153218646
NCBI GeneID	1583
NCBI Accession #	NP_000772.2
NCBI GenBank Nucleotide #	NM_000781.2
UniProt Accession #	P05108 ; Q15081 ; Q16805 ; Q8N1A7 ; A8K8D5 ; B3KPU8 ; G3XAD7
Molecular Weight	60,102 Da
NCBI Official Full Name	cholesterol side-chain cleavage enzyme, mitochondrial isoform a
NCBI Official Synonym Full Names	cytochrome P450, family 11, subfamily A, polypeptide 1
NCBI Official Symbol	CYP11A1
NCBI Official Synonym Symbols	CYP11A; CYPXIA1; P450SCC
NCBI Protein Information	cholesterol side-chain cleavage enzyme, mitochondrial; steroid 20-22-lyase; cytochrome P450 11A1; cytochrome P450(scc); cytochrome P450C11A1; cholesterol 20-22 desmolase; cholesterol monooxygenase (side-chain cleaving); cytochrome P450, subfamily XIA (cho
UniProt Protein Name	Cholesterol side-chain cleavage enzyme, mitochondrial
UniProt Gene Name	CYP11A1
UniProt Synonym Gene Names	CYP11A
UniProt Entry Name	CP11A_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/cyp11a1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313657>