

Rabbit Cytochrome P450 11A1 Polyclonal Antibody | anti-CYP11A1 antibody

Cytochrome P450 11A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325335	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Cytochrome P450 11A1; Polyclonal Antibody; Cytochrome P450 11A1 Antibody; Cholesterol 20 22 desmolase; Cholesterol desmolase; Cholesterol monooxygenase (side chain cleaving); Cholesterol side chain cleavage enzyme; Cholesterol side chain cleavage enzyme mitochondrial; Cholesterol side-chain cleavage enzyme; CP11A_HUMAN; CYP11A; CYP11A1; CYPXIA1; Cytochrome P450 11A1 mitochondrial; Cytochrome P450 family 11 subfamily A polypeptide 1; Cytochrome P450 subfamily XIA; Cytochrome P450(scc); Cytochrome P450C11A1; mitochondrial; P450SCC; Steroid 20 22 lyase; anti-CYP11A1 antibody

PRODUCT SPECIFICATIONS

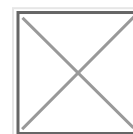
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 11A1 antibody detects endogenous levels of total Cytochrome P450 11A1
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	521
Applicable Applications for anti-CYP11A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytochrome P450 11A1, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325335 at 1/100 staining Mouse liver 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 Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



IF (Immunofluorescence)

AAA325335 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA325335 1:200) and mouse anti-beta tubulin Ab (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



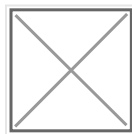
IF (Immunofluorescence)

AAA325335 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from rat spleen, using Cytochrome P450 11A1 Antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using Cytochrome P450 11A1 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 kD
NCBI Official Full Name	cholesterol side-chain cleavage enzyme, mitochondrial isoform a
NCBI Official Synonym Full Names	cytochrome P450 family 11 subfamily A member 1
NCBI Official Symbol	CYP11A1
NCBI Official Synonym Symbols	CYP11A; CYPXIA1; P450SCC
NCBI Protein Information	cholesterol side-chain cleavage enzyme, mitochondrial
UniProt Protein Name	Cholesterol side-chain cleavage enzyme, mitochondrial
UniProt Gene Name	CYP11A1
UniProt Synonym Gene Names	CYP11A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-11a1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325335>