

Rabbit anti-Human Cytochrome P450 11B1/2 Polyclonal Antibody | anti-CYP11B1 antibody

Cytochrome P450 11B1/2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325333	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

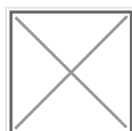
PRODUCT SYNONYMS

Cytochrome P450 11B1/2; Polyclonal Antibody; Cytochrome P450 11B1/2 Antibody; CPN1; CYP11B; CYPXIB1; Cytochrome P 450c11; Cytochrome P450 11B1; mitochondrial; Cytochrome p450 XIB1; Cytochrome P450; family 11; subfamily B; polypeptide 1; subfamily XIB (steroid 11 beta hydroxylase); subfamily XIB; Cytochrome P450C11; FHI; P 450C11; P450C11; S11BH; Steroid 11 beta hydroxylase; Steroid 11 beta monooxygenase; ALDOS; Aldosterone synthase; Aldosterone-synthesizing enzyme; C11B2_HUMAN; CYP11B2; CYPXIB2; Cytochrome P-450Aldo; Cytochrome P-450C18; Cytochrome P450 11B2; P-450Aldo; P-450C18; Steroid 18-hydroxylase; anti-CYP11B1 antibody

PRODUCT SPECIFICATIONS

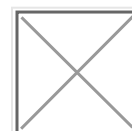
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 11B1/2 antibody detects endogenous levels of total Cytochrome P450 11B1/2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-CYP11B1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion Inner Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using Cytochrome P450 11B1/2 antibody.



IF (Immunofluorescence)

AAA325333 staining COLO205 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.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP11B1 antibody	Function: Has steroid 11-beta-hydroxylase activity. In addition to this activity, the 18 or 19-hydroxylation of steroids and the aromatization of androstendione to estrone have also been ascribed to cytochrome P450 XIB. Similarity: Belongs to the cytochrome P450 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61743918
NCBI GeneID	1584
NCBI Accession #	NP_000488.3
NCBI GenBank Nucleotide #	NM_000497.3
UniProt Accession #	P15538; Q14095; Q4VAQ8; Q4VAQ9; Q9UML2
Molecular Weight	Observed: 57 kD Predicted: 58 kDa
NCBI Official Full Name	cytochrome P450 11B1, mitochondrial isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 11 subfamily B member 1
NCBI Official Symbol	CYP11B1
NCBI Official Synonym Symbols	FHI; CPN1; CYP11B; P450C11
NCBI Protein Information	cytochrome P450 11B1, mitochondrial
UniProt Protein Name	Cytochrome P450 11B1, mitochondrial
UniProt Gene Name	CYP11B1
UniProt Synonym Gene Names	S11BH; Cytochrome P450C11

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-p450-11b1-2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325333>