Rabbit CYP11B1 Polyclonal Antibody | anti-CYP11B1 antibody

CYP11B1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200990	**Rabbit**	**Human, Pig, Sheep, Monkey**	**Western Blot, Immunohistochemistry**

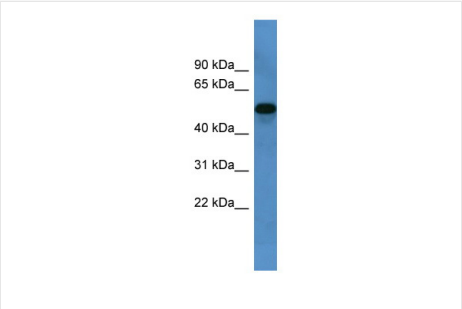
PRODUCT SYNONYMS

CYP11B1; Polyclonal Antibody; CYP11B1 antibody - C-terminal region; anti-CYP11B1 antibody

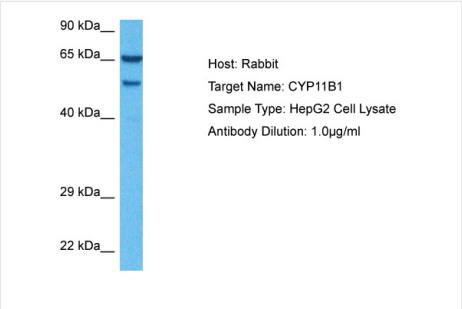
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig, Sheep, Monkey
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:AR NPNVQQALRQ ESLAAAASIS EHPQKATTEL PLLRAALKET LRLYPVGL
Sequence Length	503
Applicable Applications for anti-CYP11B1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%; Pig: 79%; Sheep: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CYP11B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

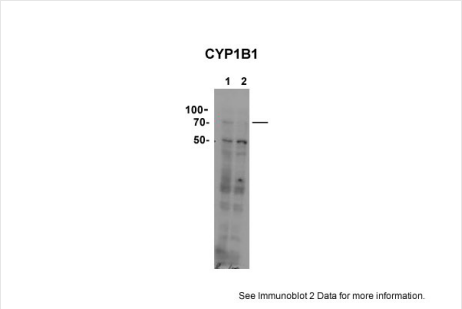
IMAGES



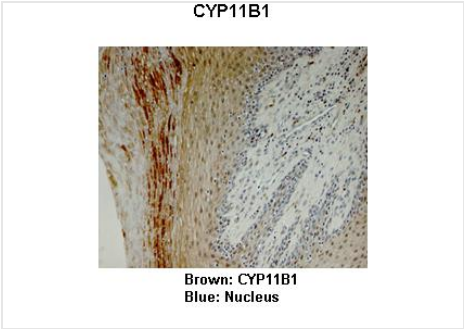
WB (Western Blot)
WB Suggested Anti-CYP11B1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: Human Liver



WB (Western Blot)
Host: RabbitTarget Name: CYP11B1Sample Tissue: Human HepG2 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)
Sample Type: r-CYP11B1Sample type: 1. HEK293TN-GFP-hcyp11B1 (75ug)2. HEK293TN-GFP-hcyp11B2 (75ug)Primary dilution: 1:100Secondary Antibody: mouse anti-Rabbit HRPSecondary Dilution: 1:10,000Film Exposed for: 5 minutesImage Submitted by: Celso Gomez-SanchezMongomery VA Medical Center



IHC (Immunohiostchemistry)
Sample Type: Monkey vaginaSample Type :Monkey vaginaPrimary Antibody Dilution :1:25Secondary Antibody:Anti-rabbit-HRPSecondary Antibody Dilution:1:1000Color/Signal Descriptions:Brown: CYP11B1 Blue: NucleusGene Name:CYP11B1Submitted by:Jonathan Bertin, Endoceutics Inc.

IHC (Immunohistochemistry)
Sample Type: Monkey adrenal glandSample Type :Monkey adrenal glandPrimary Antibody Dilution :1:25Secondary Antibody:Anti-rabbit-HRPSecondary Antibody Dilution:1:1000Color/Signal Descriptions:Brown: CYP11B1 Blue: NucleusGene Name:CYP11B1Submitted by:Jonathan Bertin, Endoceutics Inc.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP11B1 antibody	This is a rabbit polyclonal antibody against CYP11B1. It was validated on Western Blot Target Description: 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 is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene.
Product Categories/Family for anti-CYP11B1 antibody	Polyclonal; Drugs and Drug Metabolism; Mitochondria; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743918
NCBI GeneID	1584
NCBI Accession #	NP_000488
NCBI GenBank Nucleotide #	NM_000497
UniProt Accession #	P15538
Molecular Weight	55kDa
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
UniProt Entry Name	C11B1_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/cyp11b1-antibody-western-blot-immunohistochemistry-elisa/200990