

Rabbit CYP11B1 Polyclonal Antibody | anti-CYP11B1 antibody

CYP11B1 antibody - C-terminal region

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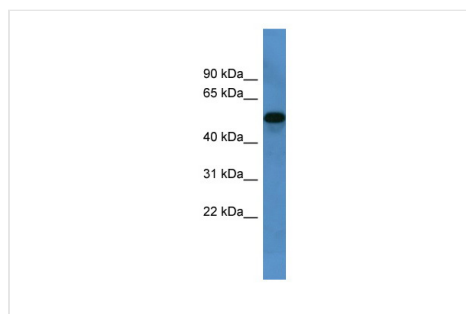
PRODUCT SYNONYMS

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

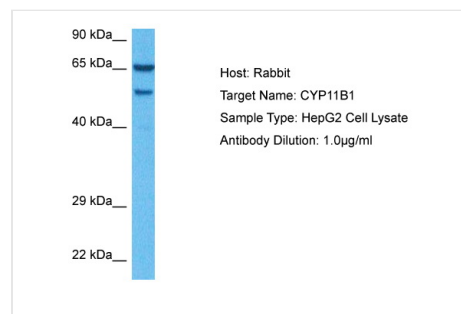
PRODUCT SPECIFICATIONS

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	Synthetic peptide with the following region: AR NPNVQQALRQ ESLAAASIS 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

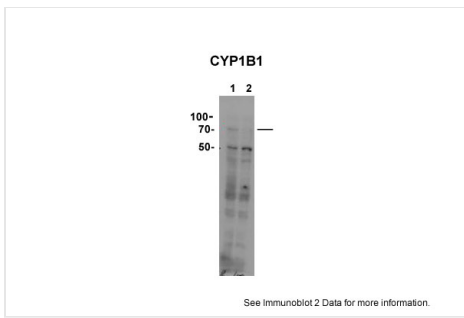


WB (Western Blot)

WB Suggested Anti-CYP11B1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Liver


WB (Western Blot)

Host: Rabbit
Target Name: CYP11B1
Sample Type: HepG2 Cell Lysate
Antibody Dilution: 1.0 µg/ml



WB (Western Blot)

Sample Type: r-CYP11B1 Sample type: 1. HEK293TN-GFP-hcyp11B1 (75ug) 2. HEK293TN-GFP-hcyp11B2 (75ug) Primary dilution: 1:100 Secondary Antibody: mouse anti-Rabbit HRP Secondary Dilution: 1:10,000 Film Exposed for: 5 minutes Image Submitted by: Celso Gomez-Sanchez Montgomery VA Medical Center



IHC (Immunohistochemistry)

Sample Type: Monkey vagina Sample Type: Monkey vagina Primary Antibody Dilution: 1:25 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:1000 Color/Signal Descriptions: Brown: CYP11B1 Blue: Nucleus Gene Name: CYP11B1 Submitted by: Jonathan Bertin, Endoceutics Inc.



IHC (Immunohistochemistry)

Sample Type: Monkey adrenal gland Sample Type: Monkey adrenal gland Primary Antibody Dilution: 1:25 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:1000 Color/Signal Descriptions: Brown: CYP11B1 Blue: Nucleus Gene Name: CYP11B1 Submitted 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://www.aaabiotech.com/polyclonal/cyp11b1-antibody-western-blot-immunohistochemistry-elisa/200990>