

Rabbit anti-Human CYP11B2 Polyclonal Antibody | anti-CYP11B2 antibody

CYP11B2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283229	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CYP11B2; Polyclonal Antibody; CYP11B2 Rabbit pAb; ALDOS; CPN2; CYP11B; CYP11BL; CYPXIB2; P-450C18; P450C18; P450aldo; cytochrome P450 11B2; mitochondrial; anti-CYP11B2 antibody

PRODUCT SPECIFICATIONS

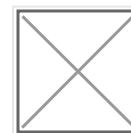
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MALRAKAEVC VAAPWLSLQR ARALGTRAAR APRTVLPFEA MPQHGPGRWL RLLQIWREQG YEHLHLEMHQ TFQELGPIFR YNLGGPRMVC VMLPEDVEKL
Applicable Applications for anti-CYP11B2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CYP11B2(NP_000489.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



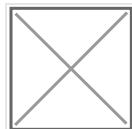
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Rat adrenal gland using CYP11B2 Rabbit pAb(AAA283229) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



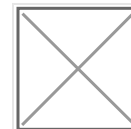
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Mouse adrenal gland using CYP11B2 Rabbit pAb(AAA283229) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Human adrenal gland using CYP11B2 Rabbit pAb(AAA283229) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293T cells transfected with CYP11B2 using CYP11B2 Rabbit pAb (AAA283229) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP11B2 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. The enzyme has steroid 18-hydroxylase activity to synthesize aldosterone and 18-oxocortisol as well as steroid 11 beta-hydroxylase activity. Mutations in this gene cause corticosterone methyl oxidase deficiency.
Product Categories/Family for anti-CYP11B2 antibody	Cardiovascular; lipids/lipoprotein; lipid metabolism; cholesterol; Metabolic pathways and processes; Metabolic signaling pathways; Lipid and lipoprotein metabolism; Cholesterol metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119829183
NCBI GeneID	1585
NCBI Accession #	NP_000489.3
NCBI GenBank Nucleotide #	NM_000498.3
UniProt Accession #	P19099; Q16726; B0ZBE4
Molecular Weight	Calculated MW: 57kDa Observed MW: 50kDa
UniProt Protein Name	Cytochrome P450 11B2, mitochondrial
UniProt Gene Name	CYP11B2
UniProt Synonym Gene Names	ALDOS
UniProt Entry Name	C11B2_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/cyp11b2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283229>