

Rabbit Cytochrome P450 11B2 Polyclonal Antibody | anti-CYP11B2 antibody

Cytochrome P450 11B2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322723	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytochrome P450 11B2; Polyclonal Antibody; Cytochrome P450 11B2 Antibody; ALDOS; Aldosterone synthase; Aldosterone-synthesizing enzyme; C11B2_HUMAN; CYP11B2; CYPXIB2; Cytochrome P-450Aldo; Cytochrome P-450C18; mitochondrial; P-450Aldo; P-450C18; Steroid 18-hydroxylase; anti-CYP11B2 antibody

PRODUCT SPECIFICATIONS

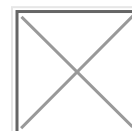
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 11B2 antibody detects endogenous levels of total Cytochrome P450 11B2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid 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-CYP11B2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytochrome P450 11B2
Subcellular Location	Mitochondrion Membrane.
Predicted Cross Reactivity	Dog
Similarity	Dog (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322723 at 1/100 staining Mouse kidney 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Cytochrome P450 11B2 using 293 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CYP11B2 antibody	Function: Preferentially catalyzes the conversion of 11-deoxycorticosterone to aldosterone via corticosterone and 18-hydroxycorticosterone. Similarity: Belongs to the cytochrome P450 family.
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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	Observed: 58 kDa Predicted: 58 kDa
NCBI Official Full Name	cytochrome P450 11B2, mitochondrial
NCBI Official Synonym Full Names	cytochrome P450 family 11 subfamily B member 2
NCBI Official Symbol	CYP11B2
NCBI Official Synonym Symbols	CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo
NCBI Protein Information	cytochrome P450 11B2, mitochondrial
UniProt Protein Name	Cytochrome P450 11B2, mitochondrial
UniProt Gene Name	CYP11B2
UniProt Synonym Gene Names	ALDOS

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-p450-11b2-antibody-immunohistochemistry-western-blot-elisa/322723>