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anti-CYP11B2 antibody (AA 251-350)



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Quantity:	100 μL	
Target:	CYP11B2	
Binding Specificity:	AA 251-350	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CYP11B2 antibody is un-conjugated	
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP11B2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CYP11B2	

Target Details

Target Details				
Alternative Name:	CYP11B2 (CYP11B2 Products)			
Background:	Synonyms: CYP 11B2, CYP11B2, CYPXI11B2, Cytochrome P450 1111B2, Cytochrome P450			
	1111B2 mitochondrial, Cytochrome P450 family 11 subfamily B polypeptide 2, Cytochrome			
	P450 subfamily XIB cholesterol side chain cleavage, Cytochrome P450 subfamily XI11B2,			
	Cytochrome P450C1111B2, C11B2_HUMAN.			
	Background: 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 localize			
	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. [provided by RefSeq, Ju			
	2008].			
Pathways:	ACE Inhibitor Pathway, Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone			
	Biosynthesis, Regulation of Systemic Arterial Blood Pressure by Hormones, C21-Steroid			
	Hormone Metabolic Process, Feeding Behaviour			
Application Details				
Application Notes:	ELISA 1:500-1000			
	IHC-P 1:200-400			
	IHC-F 1:100-500			
	IF(IHC-P) 1:50-200			
	IF(IHC-F) 1:50-200			
	IF(ICC) 1:50-200			
	ICC 1:100-500			
Restrictions:	For Research Use only			
Handling				
Format:	Liquid			
Concentration:	1 μg/μL			
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.			
Preservative:	ProClin			
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be			

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months