

CYP11B1 Antibody

Catalog No: #36386

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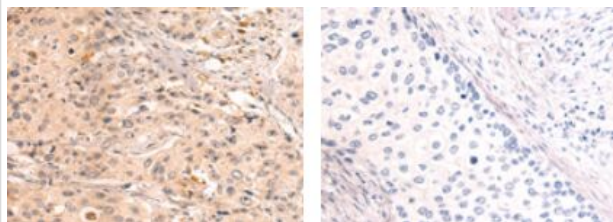
Description

Product Name	CYP11B1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC,ELISA
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP11B1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human cytochrome P450, family 11, subfamily B, polypeptide 1
Target Name	CYP11B1
Other Names	FHI; CPN1; CYP11B; P450C11
Accession No.	Swiss-Prot#: P15538NCBI Gene ID: 1584Gene Accssion: BC096285
Uniprot	P15538
GeneID	1584;
Concentration	0.6 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

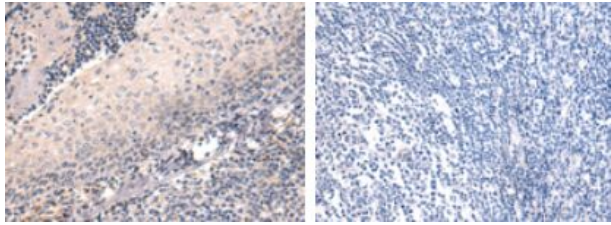
Application Details

Immunohistochemistry: 1:50-1:100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CYP11B1 Antibody at dilution 1/50, on the right is treated with fusion protein. (Original magnification: Γ 200)



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using CYP11B1 Antibody at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

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 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.

Note: This product is for in vitro research use only