

CYP11B2 Antibody

Catalog No: #43862

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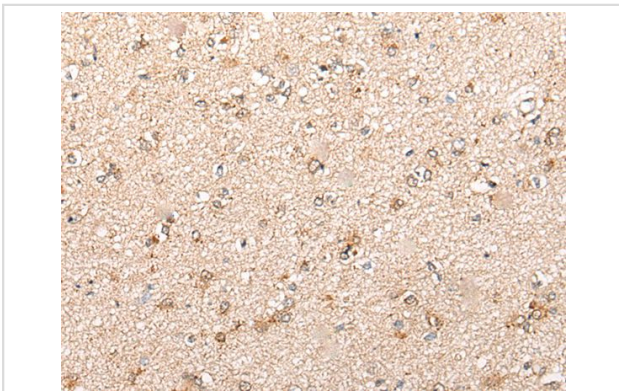
Description

Product Name	CYP11B2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP11B2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CYP11B2
Target Name	CYP11B2
Other Names	CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo
Accession No.	Swiss-Prot#: P19099NCBI Gene ID: 1585
Uniprot	P19099
GeneID	1585;
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 100-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CYP11B2 Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)

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. 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.

Note: This product is for in vitro research use only