CYP11B2 Antibody

Catalog No: #43862



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CYP11B2 Antibody
Rabbit
Polyclonal
Antigen affinity purification
IHC
Hu
The antibody detects endogenous levels of total CYP11B2 protein.
peptide
Synthetic peptide of human CYP11B2
CYP11B2
CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo
Swiss-Prot#: P19099NCBI Gene ID: 1585
P19099
1585;
1.7mg/ml
Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
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