CYP11B2 RABBIT PAB

Cat.#: S215396

Product Name: Anti-CYP11B2 Rabbit Polyclonal Antibody

Synonyms: CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo

UNIPROT ID: P19099 (Gene Accession - NP_000489)

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.

Immunogen: Synthetic peptide of human CYP11B2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-300;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

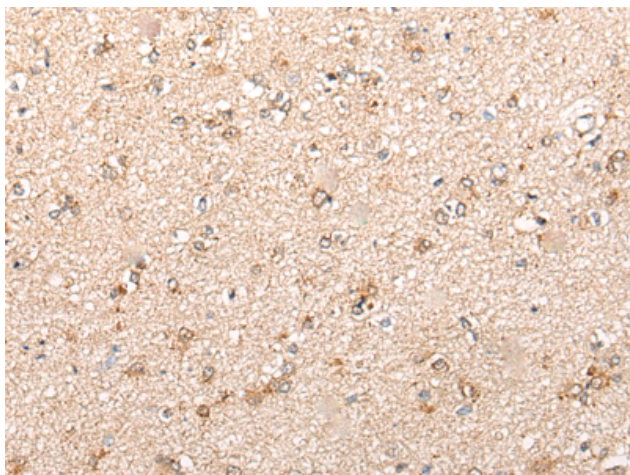**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Product Description

Immunohistochemistry analysis of paraffin embedded Human brain tissue using 215396(CYP11B2 Antibody) at a dilution of 1/70(Cytoplasm).
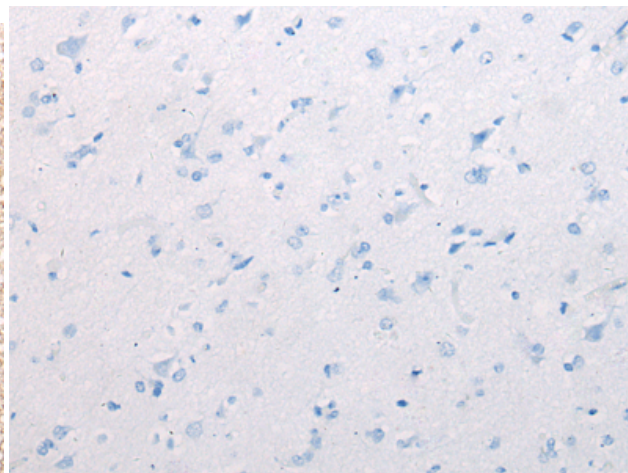
In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 215396(Anti-CYP11B2 Antibody) at dilution 1/70.
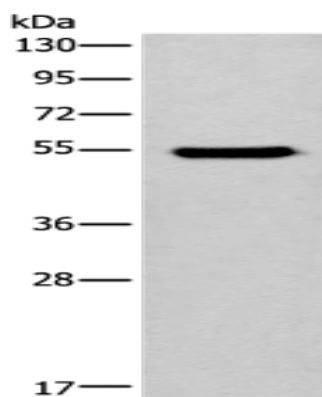
Gel: 8%SDS-PAGE, Lysate: 40 μg;
Lane: HEPG2 cell lysate;
Primary antibody: 215396(CYP11B2 Antibody) at dilution 1/650;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds