

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HSD11B2 RABBIT PAB**

Cat.#: S220611

Product Name: Anti-HSD11B2 Rabbit Polyclonal Antibody

Synonyms: AME; AME1; HSD2; HSD11K; SDR9C3

**UNIPROT ID:** P80365 (Gene Accession - NP\_000187)

**Background:** There are at least two isozymes of the corticosteroid 11-beta-dehydrogenase, a microsomal enzyme complex responsible for the interconversion of cortisol and cortisone. The type I isozyme has both 11-beta-dehydrogenase (cortisol to cortisone) and 11-oxoreductase (cortisone to cortisol) activities. The

type II isozyme, encoded by this gene, has only 11-beta-dehydrogenase activity.

Immunogen: Synthetic peptide of human HSD11B2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: Oct-50;WB: 200-1000;ELISA: 1000-2000

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

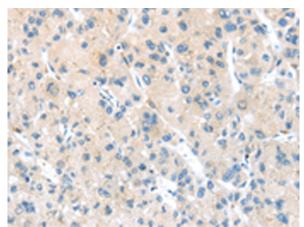
Research Areas: Signal Transduction, Cancer, Cardiovascular, Metabolism, Cell Biology

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

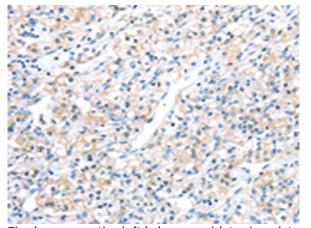


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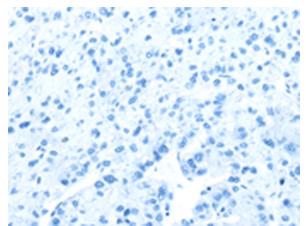
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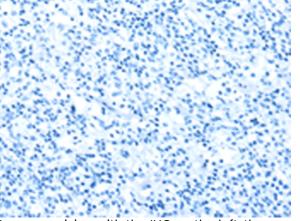
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220611(HSD11B2 Antibody) at a dilution of 1/20(Cytoplasm).



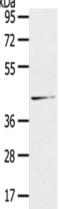
The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 220611(Anti-HSD11B2 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220611(Anti-HSD11B2 Antibody) at dilution 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with synthetic peptide and then with D261764(Anti-HSD11B2 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Human normal kidney tissue; Primary antibody: 220611(HSD11B2 Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution; Exposure time: 10 seconds



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