

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HSD17B1 RABBIT PAB

Cat.#: S220612

Product Name: Anti-HSD17B1 Rabbit Polyclonal Antibody

Synonyms: HSD17; EDHB17; EDH17B2; SDR28C1

UNIPROT ID: P14061 (Gene Accession - NP_000404)

Background: Hydroxysteroid (17-beta) dehydrogenase I catalyzes the final step in the formation of estradiol and testosterone from estrone and androstenedione, respectively. Ovarian granulosa cells and breast tissue both express HSD17BI. Other tissues that express HSD17BI include testis, placenta, uterus, prostate and adipose tissue. HSD17BI functions as a homodimer and prefers NADP(H) over NAD(H) for oxidation and reduction. The gene encoding human HSD17BI maps to chromosome 17q12-q21. The importance of HSD17BI to estradiol production suggests the specific inhibition of HSD17BI may aid in breast cancer therapy.

Immunogen: Synthetic peptide of human HSD17B1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

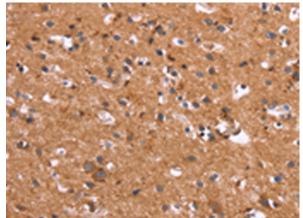
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Metabolism, Signal Transduction, Cancer, Neuroscience

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

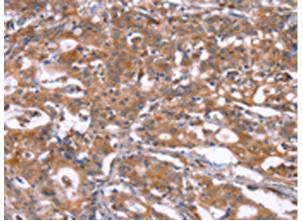


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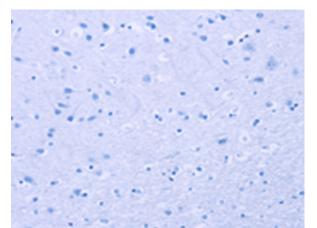
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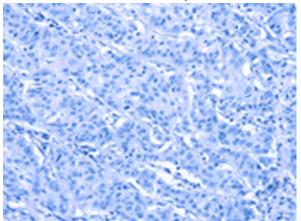
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220612(HSD17B1 Antibody) at a dilution of 1/40(Cytoplasm).



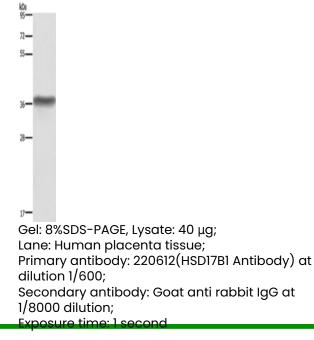
The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 220612(Anti-HSD17B1 Antibody) at a dilution of 1/40.



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 220612(Anti-HSD17B1 Antibody) at dilution 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with synthetic peptide and then with D261765(Anti-HSD17B1 Antibody) at dilution 1/40.





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