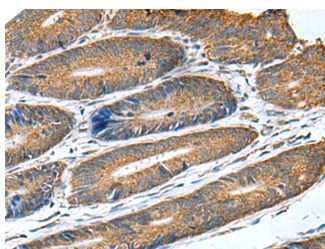


HSD11B1 Polyclonal Antibody

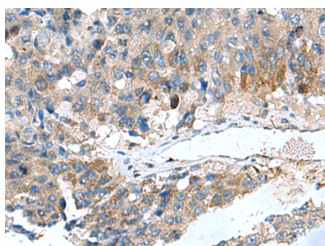
Catalog No.	E-AB-52192	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HSD11B1 Polyclonal Antibody at dilution of 1:70(×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using HSD11B1 Polyclonal Antibody at dilution of 1:70(×200)

Immunogen Information

Immunogen	Fusion protein of human HSD11B1
Gene Accession	BC012593
Swissprot	P28845
Synonyms	CORTRD2,DHI1,HDL,HSD 11,HSD11,HSD11B,HS D11B1,HSD11L,SDR26C1,short chain dehydrogenase/reductase family 26C,member 1

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

The protein encoded by this gene is a microsomal enzyme that catalyzes the conversion of the stress hormone cortisol to the inactive metabolite cortisone. In addition, the encoded protein can catalyze the reverse reaction, the conversion of cortisone to cortisol. Too much cortisol can lead to central obesity, and a particular variation in this gene has been associated with obesity and insulin resistance in children. Mutations in this gene and H6PD (hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)) are the cause of cortisone reductase deficiency. Alternate splicing results in multiple transcript variants encoding the same protein.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.