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Datasheet for ABIN7148610

anti-HSD11B1 antibody (AA 25-292)

3 Images

Overview

Quantity:	100 µg
Target:	HSD11B1
Binding Specificity:	AA 25-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD11B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Corticosteroid 11-beta-dehydrogenase isozyme 1 protein (25-292AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HSD11B1
Alternative Name:	HSD11B1 (HSD11B1 Products)
Background:	Background: Catalyzes reversibly the conversion of cortisol to the inactive metabolite cortisone. Catalyzes reversibly the conversion of 7-ketocholesterol to 7-beta-hydroxycholesterol. In intact

Target Details

cells, the reaction runs only in one direction, from 7-ketocholesterol to 7-beta-hydroxycholesterol.

Aliases: 11 beta HSD 1 antibody, 11 beta HSD1 antibody, 11 beta hydroxysteroid dehydrogenase 1 antibody, 11 DH antibody, 11-beta hydroxysteroid dehydrogenase, type 1 antibody, 11-beta-HSD1 antibody, 11-beta-hydroxysteroid dehydrogenase 1 antibody, 11-DH antibody, 11DH antibody, Corticosteroid 11 beta dehydrogenase isozyme 1 antibody, Corticosteroid 11-beta-dehydrogenase isozyme 1 antibody, CORTRD2 antibody, DHI1_HUMAN antibody, HDL antibody, HSD 11 antibody, HSD11 antibody, HSD11B antibody, HSD11B1 antibody, HSD11L antibody, Hydroxysteroid (11 beta) dehydrogenase antibody, Hydroxysteroid (11 beta) dehydrogenase 1 antibody, MGC13539 antibody, SDR26C1 antibody, short chain dehydrogenase/reductase family 26C, member 1 antibody

UniProt: [P28845](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Steroid Hormone Biosynthesis](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

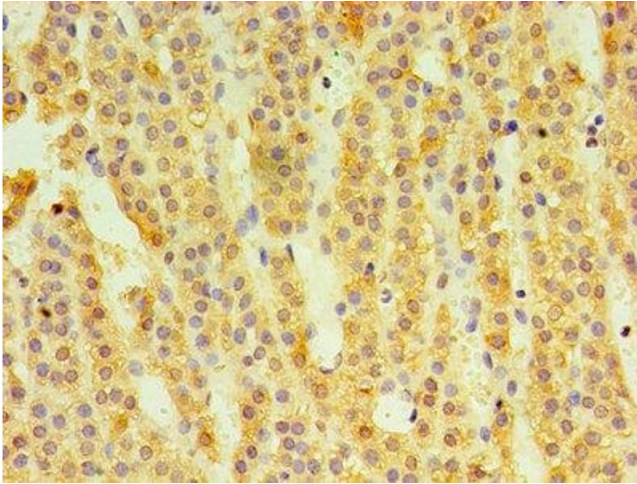
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

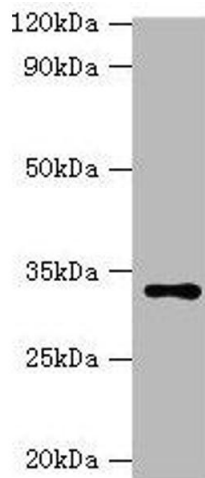
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



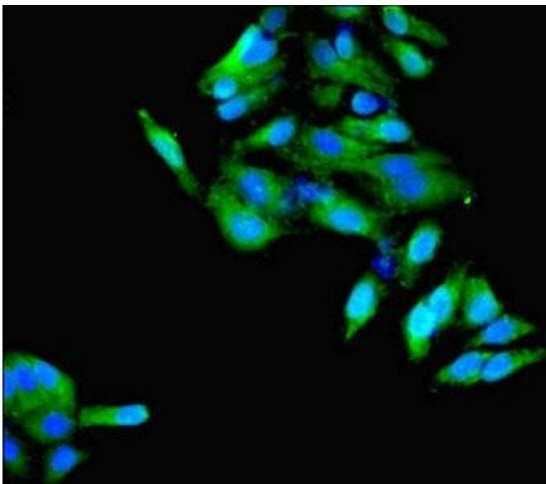
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7148610 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: HSD11B1 antibody at 2 μ g/mL + HeLa whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 33 kDa Observed band size: 33 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HeLa cells using ABIN7148610 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)