

Datasheet for ABIN7148616

**anti-HSD11B2 antibody (AA 212-343)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	HSD11B2
Binding Specificity:	AA 212-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD11B2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Corticosteroid 11-beta-dehydrogenase isozyme 2 protein (212-343AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HSD11B2
Alternative Name:	HSD11B2 ( <a href="#">HSD11B2 Products</a> )
Background:	Background: Catalyzes the conversion of cortisol to the inactive metabolite cortisone. Modulates intracellular glucocorticoid levels, thus protecting the nonselective mineralocorticoid

## Target Details

receptor from occupation by glucocorticoids.

Aliases: 11 beta HSD2 antibody, 11 beta hydroxysteroid dehydrogenase type 2 antibody, 11 DH2 antibody, 11-beta-HSD2 antibody, 11-beta-hydroxysteroid dehydrogenase type 2 antibody, 11-DH2 antibody, AME antibody, AME1 antibody, Corticosteroid 11 beta dehydrogenase isozyme 2 antibody, Corticosteroid 11-beta-dehydrogenase isozyme 2 antibody, DHI2\_HUMAN antibody, HSD11B2 antibody, HSD11K antibody, HSD2 antibody, Hydroxysteroid 11 beta dehydrogenase 2 antibody, Hydroxysteroid 11 beta dehydrogenase isoenzyme 2 antibody, NAD dependent 11 beta hydroxysteroid dehydrogenase antibody, NAD-dependent 11-beta-hydroxysteroid dehydrogenase antibody, SDR9C3 antibody, Short chain dehydrogenase/reductase family 9C, member 3 antibody

UniProt: [P80365](#)

Pathways: [Steroid Hormone Biosynthesis](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

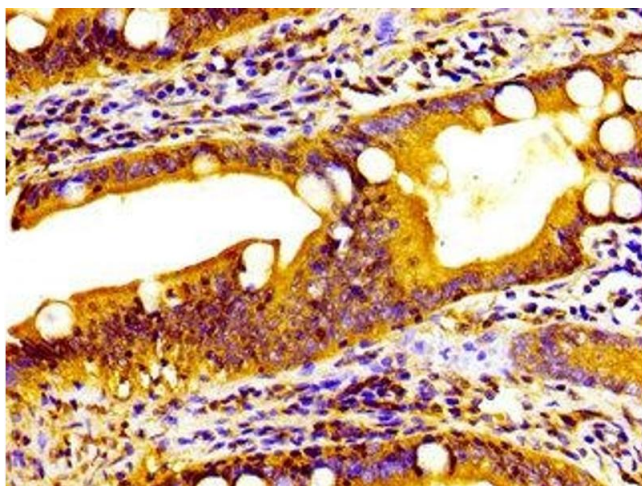
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

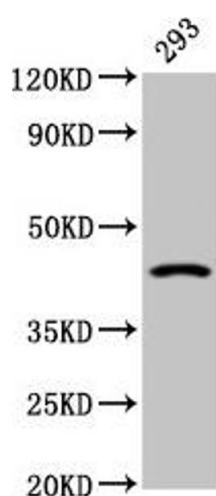
Storage: -20 °C,-80 °C

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



### Immunohistochemistry

**Image 1.** IHC image of ABIN7148616 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: 293 whole cell lysate All lanes: HSD11B2 antibody at 2.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 45 kDa Observed band size: 45 kDa