

Datasheet for ABIN7218624
anti-HSD11B1 antibody (N-Term)



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	HSD11B1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD11B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	11β-HSD1 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the N-terminal region of human 11beta-HSD1
Isotype:	IgG
Specificity:	11β-HSD1 Polyclonal Antibody detects endogenous levels of 11β-HSD1 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	HSD11B1
Alternative Name:	11beta-HSD1 (HSD11B1 Products)

Target Details

Background: Rabbit Anti-11 β -HSD1 Polyclonal Antibody,HSD11B1, HSD11, HSD11L, Corticosteroid 11-beta-dehydrogenase isozyme 1, 11-beta-hydroxysteroid dehydrogenase 1, 11-DH, 11-beta-HSD1,Corticosteroid 11-beta-dehydrogenase isozyme 1 encoded by HSD11B1 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.,Corticosteroid 11-beta-dehydrogenase isozyme 1

Gene ID: 3290

UniProt: [P28845](#)

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

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

Comment: Primary Antibody

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.

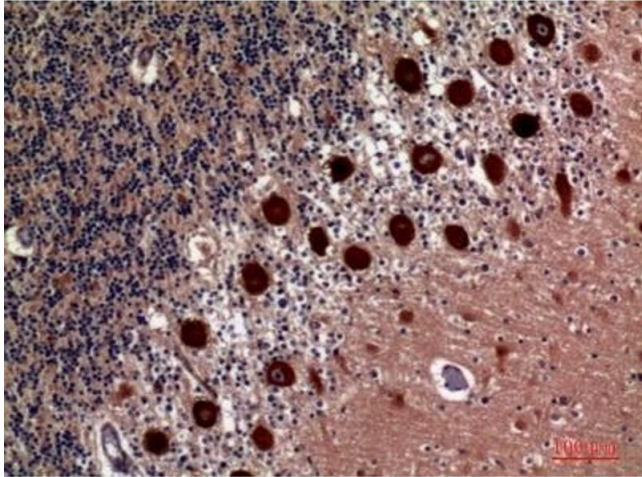
Preservative: Sodium azide

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

Storage: -20 °C

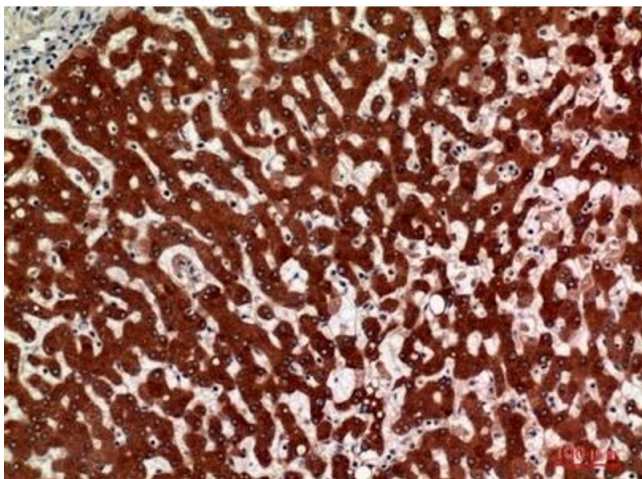
Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product,

centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



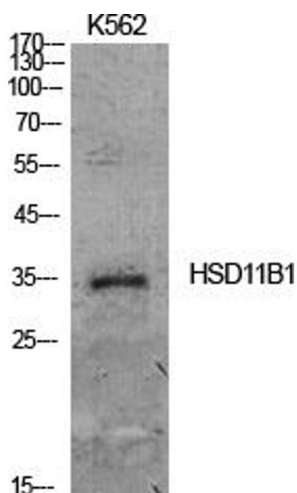
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100.



Western Blotting

Image 3. Western Blot analysis of K562 cells using 11 β -HSD1 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody (ABIN7205155) was diluted at 1:20000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7218624.