

Rabbit anti-Human Corticosteroid 11-beta-dehydrogenase isozyme 1 Polyclonal Antibody | anti-HSD11B1 antibody

Rabbit anti-human Corticosteroid 11-beta-dehydrogenase isozyme 1 polyclonal Antibody

CATALOG # AAA229731	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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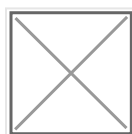
PRODUCT SYNONYMS

Corticosteroid 11-beta-dehydrogenase isozyme 1; Polyclonal Antibody; Rabbit anti-human Corticosteroid 11-beta-dehydrogenase isozyme 1 polyclonal Antibody; 11-beta-hydroxysteroid dehydrogenase 1; HSD11; HSD11L; HSD11B1; anti-HSD11B1 antibody

PRODUCT SPECIFICATIONS

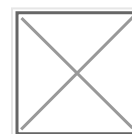
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	292
Applicable Applications for anti-HSD11B1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Corticosteroid 11-beta-dehydrogenase isozyme 1 protein(25-292aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19259 / sc-19257 / sc-20175
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



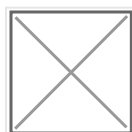
IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA229731 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland using AAA229731 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Corticosteroid 11-beta-dehydrogenase isozyme 1 antibody at 2ug/ml+HeLa cellsSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 32kDaObserved band size: 32kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HSD11B1 antibody	Catalyzes reversibly the conversion of cortisol to the inactive metabolite cortisone. Catalyzes reversibly the conversion of 7-ketocholesterol to 7-beta-hydroxycholesterol. In intact cells, the reaction runs only in one direction, from 7-ketocholesterol to 7-beta-hydroxycholesterol. This protein 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. Two transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332078483
NCBI GeneID	3290
NCBI Accession #	NP_001193670.1
NCBI GenBank Nucleotide #	NM_001206741.1
UniProt Accession #	P28845; B2R9Z1; D3DT89
Molecular Weight	32,401 Da
NCBI Official Full Name	corticosteroid 11-beta-dehydrogenase isozyme 1
NCBI Official Synonym Full Names	hydroxysteroid (11-beta) dehydrogenase 1
NCBI Official Symbol	HSD11B1
NCBI Official Synonym Symbols	HDL; 11-DH; HSD11; HSD11B; HSD11L; CORTRD2; SDR26C1; 11-beta-HSD1
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 1
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 1
UniProt Gene Name	HSD11B1
UniProt Synonym Gene Names	HSD11; HSD11L; SDR26C1; 11-DH; 11-beta-HSD1
UniProt Entry Name	DHI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/corticosteroid-11-beta-dehydrogenase-isozyme-1-antibody-immunohistochemistry-western-blot-elisa/229731>