

Rabbit anti-Human HSD11B2 Polyclonal Antibody | anti-HSD11B2 antibody

HSD11B2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234069	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

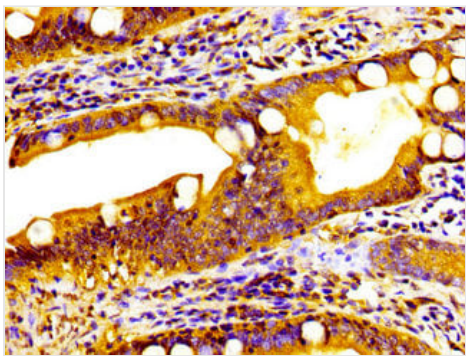
PRODUCT SYNONYMS

HSD11B2; Polyclonal Antibody; HSD11B2 Antibody; Corticosteroid 11-beta-dehydrogenase isozyme 2; 11-beta-hydroxysteroid dehydrogenase type 2; 11-DH2; 11-beta-HSD2; 11-beta-hydroxysteroid dehydrogenase type II; 11-HSD type II; 11-beta-HSD type II; NAD-dependent 11-beta-hydroxysteroid dehydrogenase; 11-beta-HSD; Short chain dehydrogenase/reductase family 9C member 3; HSD11K1 Publication; anti-HSD11B2 antibody

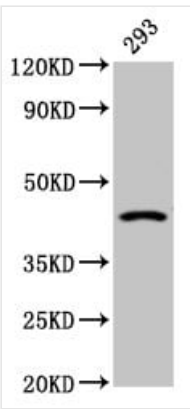
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	405
Applicable Applications for anti-HSD11B2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Corticosteroid 11-beta-dehydrogenase isozyme 2 protein (1-405AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
IHC image of AAA234069 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: 293 whole cell lysateAll lanes: HSD11B2 antibody at 2.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 45 KDaObserved band size: 45 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-HSD11B2 antibody	Catalyzes the conversion of cortisol to the inactive metabolite cortisone. Modulates intracellular glucocorticoid levels, thus protecting the nonselective mineralocorticoid receptor from occupation by glucocorticoids.
Product Categories/Family for anti-HSD11B2 antibody	Cancer; Cardiovascular; Cell biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392083
NCBI GeneID	3291
NCBI Accession #	NP_000187.3
NCBI GenBank Nucleotide #	NM_000196.3
UniProt Accession #	P80365; Q13194; Q6P2G9; Q8N439; Q96QN8; Q9UC50; Q9UC51; Q9UCW5; Q9UCW6; Q9UCW7; A7LB28; C5HTY7
Molecular Weight	44,127 Da
NCBI Official Full Name	corticosteroid 11-beta-dehydrogenase isozyme 2
NCBI Official Synonym Full Names	hydroxysteroid 11-beta dehydrogenase 2
NCBI Official Symbol	HSD11B2
NCBI Official Synonym Symbols	AME; AME1; HSD2; HSD11K; SDR9C3
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Gene Name	HSD11B2
UniProt Synonym Gene Names	; 11-DH2; 11-beta-HSD2; 11-HSD type II; 11-beta-HSD type II; 11-beta-HSD

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.