

Rabbit anti-Human, Mouse HSD11B1 Polyclonal Antibody | anti-HSD11B1 antibody

HSD11B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302237	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

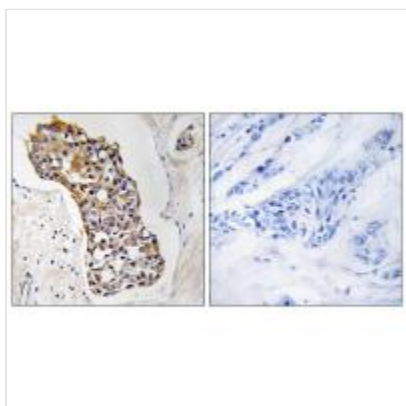
PRODUCT SYNONYMS

HSD11B1; Polyclonal Antibody; HSD11B1 Antibody; Corticosteroid 11-beta-dehydrogenase isozyme 1; 11-DH; 11-beta-hydroxysteroid; anti-HSD11B1 antibody

PRODUCT SPECIFICATIONS

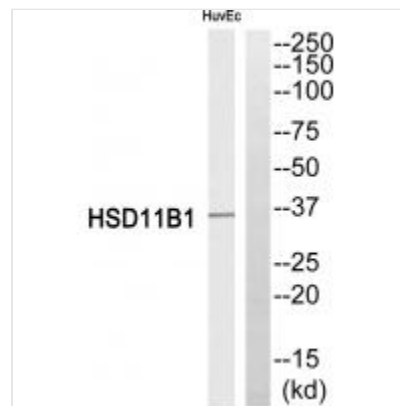
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSD11B1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	292
Applicable Applications for anti-HSD11B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human HSD11B1.
Target Name	HSD11B1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using HSD11B1 antibody.



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using HSD11B1 antibody.

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 By similarity.Tannin G.M., J. Biol. Chem. 266:16653-16658(1991).Draper N., J. Clin. Endocrinol. Metab. 87:4984-4990(2002).Ota T., Nat. Genet. 36:40-45(2004).
Product Categories/Family for anti-HSD11B1 antibody	Total protein Ab

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.