Rabbit 11beta-HSD1 Polyclonal Antibody | anti-11beta-HSD1 antibody

11beta-HSD1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318764	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

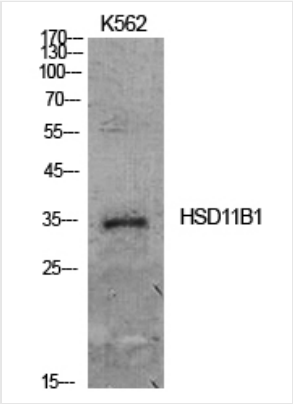
PRODUCT SYNONYMS

11beta-HSD1; Polyclonal Antibody; 11beta-HSD1 Rabbit Polyclonal Antibody; HSD11B1; HSD11; HSD11L; Corticosteroid 11-beta-dehydrogenase isozyme 1; 11-beta-hydroxysteroid dehydrogenase 1; 11-DH; 11-beta-HSD1; BH6842; anti-11beta-HSD1 antibody

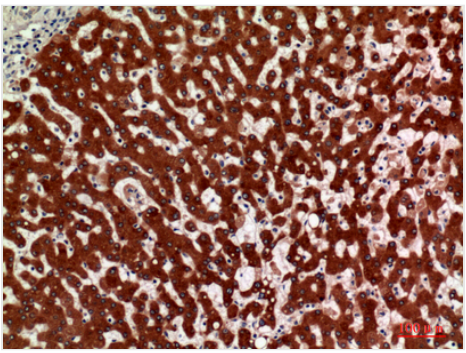
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	11beta-HSD1 Polyclonal Antibody detects endogenous levels of 11beta-HSD1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-11beta-HSD1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from 11beta-HSD1. at AA range: internal
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

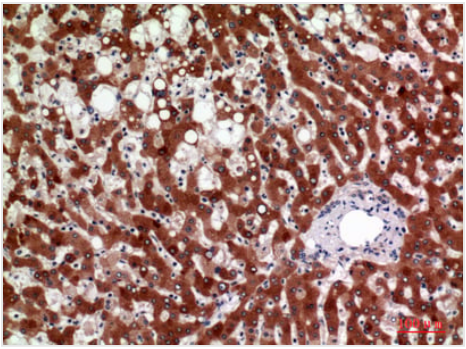
IMAGES



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



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



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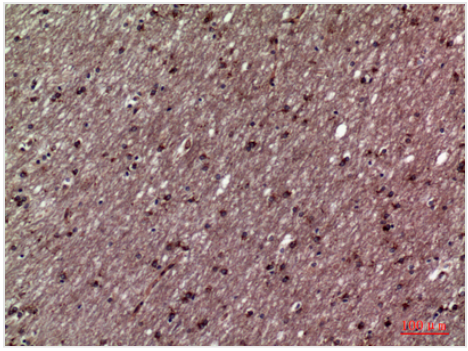

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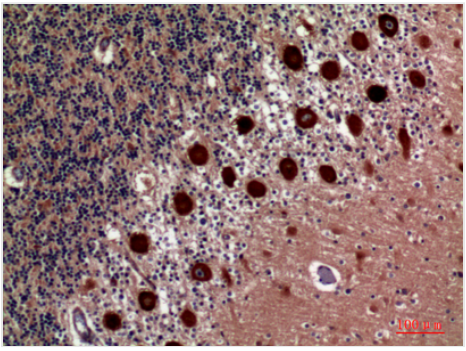

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ADDITIONAL INFORMATION

Related Product Information for anti-11beta-HSD1 antibody	hydroxysteroid 11-beta dehydrogenase 1 (HSD11B1) Homo sapiens The protein encoded by this gene 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.[provided by RefSeq, May 2011]

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; short chain dehydrogenase/reductase family 26C, member 1

UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 1
UniProt Gene Name	**HSD11B1**
UniProt Synonym Gene Names	HSD11; HSD11L; 11-DH
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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