

HSD11B1 Rabbit mAb

Catalog No: #49713

Package Size: #49713-1 50ul #49713-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

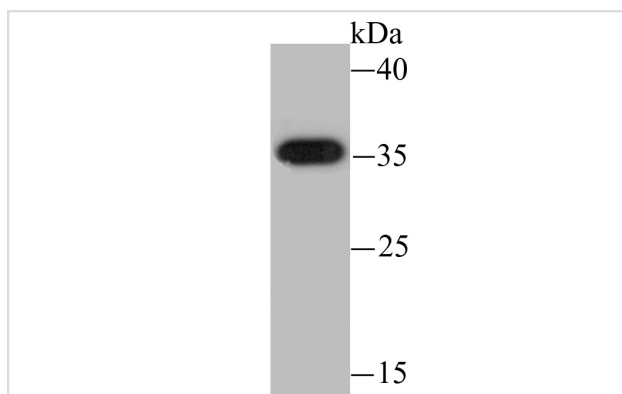
Description

Product Name	HSD11B1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU18-39
Purification	ProA affinity purified
Applications	WB,IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	11 beta HSD 1 antibody 11 beta HSD1 antibody 11 beta hydroxysteroid dehydrogenase 1 antibody 11 DH antibody 11-beta hydroxysteroid dehydrogenase, type 1 antibody 11-beta-HSD1 antibody 11-beta-hydroxysteroid dehydrogenase 1 antibody 11-DH antibody 11DH antibody Corticosteroid 11 beta dehydrogenase isozyme 1 antibody Corticosteroid 11-beta-dehydrogenase isozyme 1 antibody CORTRD2 antibody DH11_HUMAN antibody HDL antibody HSD 11 antibody HSD11 antibody HSD11B antibody HSD11B1 antibody HSD11L antibody Hydroxysteroid (11 beta) dehydrogenase antibody Hydroxysteroid (11 beta) dehydrogenase 1 antibody MGC13539 antibody SDR26C1 antibody short chain dehydrogenase/reductase family 26C, member 1 antibody
Accession No.	Swiss-Prot#:P28845
Uniprot	P28845
GeneID	3290;
Calculated MW	32 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

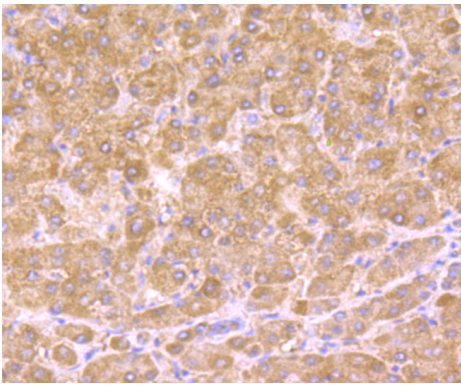
Application Details

WB: 1:500-1:2,000IHC: 1:50-1:200

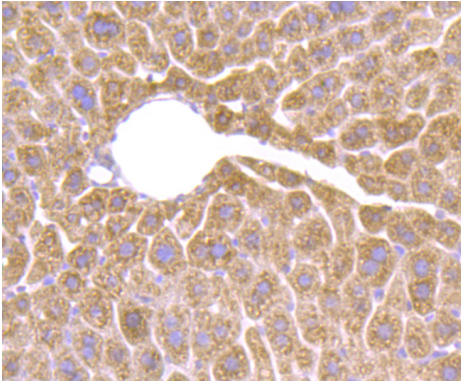
Images



Western blot analysis of HSD11B1 on mouse liver tissue lysate using anti-HSD11B1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-HSD11B1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-HSD11B1 antibody. Counter stained with hematoxylin.

Background

HSD11B1 (Corticosteroid 11-beta-dehydrogenase isozyme 1) is also named as HSD11, HSD11L, 11-DH and 11-beta-HSD1. It is a microsomal enzyme, which acts mainly as a NADP(H)-dependent reductase converting inactive cortisone (E) to active cortisol (F), thus regulating intracellular F access to glucocorticoid receptor. This enzyme is widely expressed not only in liver and adipose tissue, but also in adrenal, ovary and decidua. Western blot analysis in human liver, using a specific 11-beta-HSD1 antibody, showed two bands at approximately 34 and 68 kDa confirming the dimeric nature of 11-beta-HSD1 in liver and in omental adipose tissue, an additional band of 50 kDa was strongly expressed.

References

Note: This product is for in vitro research use only