ARG63708
anti-HSD11B1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HSD11B1
Tested Reactivity	Hu
Predict Reactivity	Cow
Tested Application	WB
Specificity	This antibody is expected to recognise human HSD11B1 protein. Both NP_005516.1 and NP_861420.1 variants encode the same protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HSD11B1
Species	Human
Immunogen	CTSYNMDRFINK
Conjugation	Un-conjugated
Alternate Names	Corticosteroid 11-beta-dehydrogenase isozyme 1; 11-DH; Short chain dehydrogenase/reductase family 26C member 1; HSD11B; EC 1.1.1.146; 11-beta-hydroxysteroid dehydrogenase 1; HSD11L; HSD11; SDR26C1; HDL; 11-beta-HSD1; CORTRD2

Application Instructions

Application table

Application	Dilution
WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

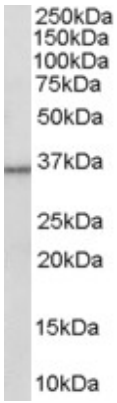
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

	and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 3290 Human Swiss-port # P28845 Human
Background	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]
Research Area	Cancer antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	32 kDa
PTM	Glycosylated.

Images



ARG63708 anti-HSD11B1 antibody WB image

Western blot: Human Liver lysate (35 µg protein in RIPA buffer) stained with ARG63708 anti-HSD11B1 antibody at 0.3 µg/ml dilution.