

HSD11B1 polyclonal antibody (A01)

Catalog # H00003290-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant HSD11B1.
Immunogen	HSD11B1 (AAH12593, 1 a.a. ~ 292 a.a) full-length recombinant protein with GST tag.
Sequence	MAFMKKYLLPILGLFMAYYYYSANEEFRPEMLQGKKVVTGASKGIGREMA YHLAKMGAHVVTAR SKETLQKVVSHCLELGAASAHYAGTMEDMTFAEQFVAQAGKLMGGLDMLLNHITNTSLNLFHDD IHHVRKSMEVNFLSYVVLTV AALPMLKQSNQSVVSSLAGKVAYPMVAAYSASKFALDGFFSSIR KEYSVSRVNV SITLCVLGLIDTETAMKAVSGNVHMQAAPKEECALEI IKG G ALRQEEVYYDSSLWTT LLIRNPCRKILEFLYSTSYNMDRFINK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — HSD11B1

Entrez GeneID	3290
GeneBank Accession#	BC012593
Protein Accession#	AAH12593
Gene Name	HSD11B1

Gene Alias	11-DH, 11-beta-HSD1, HDL, HSD11, HSD11B, HSD11L, MGC13539, SDR26C1
Gene Description	hydroxysteroid (11-beta) dehydrogenase 1
Omim ID	600713 604931
Gene Ontology	Hyperlink
Gene Summary	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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	11-beta-hydroxysteroid dehydrogenase 1 OTTHUMP00000034649 OTTHUMP00000034650 corticosteroid 11-beta-dehydrogenase isozyme 1 short chain dehydrogenase/reductase family 26C, member 1

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)

Disease

- [Addison Disease](#)
- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)

- [Cognition](#)
- [Connective Tissue Diseases](#)
- [Cushing Syndrome](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)

- [Social Perception](#)
- [Spinal Fractures](#)