HSD11B1L Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HSD11B1L, Polyclonal Antibody
Full Product Name	HSD11B1L, CT (HSD11B1L, HSD3, SCDR10, Hydroxysteroid 11-beta-dehydrogenase 1-like protein, 11-beta-hydroxysteroid dehydrogenase type 3, Short-chain dehydrogenase/reductase 10) (MaxLight 405)
Product Gene Name	anti-HSD11B1L antibody
Product Synonym Names	HSD11B1L; HSD3; SCDR10; Hydroxysteroid 11-beta-dehydrogenase 1-like protein; 11-beta-hydroxysteroid dehydrogenase type 3; Short-chain dehydrogenase/reductase 10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
3D Structure	ModBase 3D Structure for Q7Z5J1
Immunogen	HSD11B1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-291 amino acids from the C-terminal region of human HSD11B1L.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-HSD11B1L antibody	Antibodies; Enzymes; Dehydrogenase
Applications Tested/Suitable for anti-HSD11B1L antibody	Immunofluorescence (IF), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-HSD11B1L antibody	IF: 1:10-50 FLISA: 1:1,000 IHC: 1:10-50 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-HSD11B1L antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (400nm); Emission (423nm); Extinction Coefficient 32,000.
Product References and Citations for anti-HSD11B1L antibody	Huang, C., et al. Acta Biochim. Pol. 56(2):279-289(2009). Kissinger, C.R., et al. J. Mol. Biol. 342(3):943-952(2004).
Other Notes	Small volumes of anti-HSD11B1L antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for HSD11B1L purchase	MBS6308435 is an antibody targeting HSD11B1L. Also known as HSD11B1L, CT (HSD11B1L, HSD3, SCDR10, Hydroxysteroid 11-beta-dehydrogenase 1-like protein, 11-beta-hydroxysteroid dehydrogenase type 3, Short-chain dehydrogenase/reductase 10) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HSD11B1L. It may not necessarily be applicable to this product.

NCBI GI #	38424083
NCBI GeneID	374875
NCBI Accession #	NP_941997.1
UniProt Primary Accession #	Q7Z5J1
UniProt Related Accession #	Q7Z5J1
GenBank Nucleotide #	NP_941997.1
NCBI Official Full Name	hydroxysteroid 11-beta-dehydrogenase 1-like protein isoform d
NCBI Official Synonym Full Names	hydroxysteroid 11-beta dehydrogenase 1 like
NCBI Official Symbol	HSD11B1L
NCBI Official Synonym Symbols	HSD3; HSD1L; 11-DH3; SCDR10; SCDR10B; SDR26C2; 11-beta-HSD3
UniProt Protein Name	Hydroxysteroid 11-beta-dehydrogenase 1-like protein
UniProt Synonym Protein Names	11-beta-hydroxysteroid dehydrogenase type 3; 11-DH3; 11-beta-HSD3; Short-chain dehydrogenase/reductase 10
Protein Family	Hydroxysteroid 11-beta-dehydrogenase 1-like protein
UniProt Gene Name	HSD11B1L
UniProt Synonym Gene Names	HSD3; SCDR10; 11-DH3
UniProt Entry Name	DHI1L_HUMAN
NCBI Protein Information	hydroxysteroid 11-beta-dehydrogenase 1-like protein
NCBI Summary for HSD11B1L	This gene is a member of the hydroxysteroid dehydrogenase family. The encoded protein is similar to an enzyme that catalyzes the interconversion of inactive to active glucocorticoids (e.g. cortisone). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012]
UniProt Comments for HSD11B1L	HSD11B1L: a member of the hydroxysteroid dehydrogenase family. The encoded protein is similar to an enzyme that catalyzes the interconversion of inactive to active glucocorticoids (e.g. cortisone). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012] Protein type: Secreted; EC 1.1.1.-; Secreted, signal peptide; Oxidoreductase Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: extracellular region Molecular Function: oxidoreductase activity
Research Articles on HSD11B1L	**1.** cloning, purification, and characterization of SCDR10B; highly expressed in brain (especially in hippocampal neurons); up-regulated in lung cancer cell lines and lung cancer tissue
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