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HSD3B7 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP5233c

Specification

HSD3B7 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9H2F3

HSD3B7 Antibody (Center) Blocking peptide - Additional Information

Gene ID 80270

Other Names
3 beta-hydroxysteroid dehydrogenase type 7, 3 beta-hydroxysteroid dehydrogenase type VII, 3-beta-HSD VII, 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase, C(27) 3-beta-HSD, 111-, Cholest-5-ene-3-beta, 7-alpha-diol 3-beta-dehydrogenase, HSD3B7

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HSD3B7 Antibody (Center) Blocking peptide - Protein Information

Name HSD3B7 (HGNC:18324)

Function
The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. HSD VII is active against four 7-alpha-hydroxylated sterols. Does not metabolize several different C(19/21) steroids as substrates. Involved in bile acid synthesis (PubMed:11067870). Plays a key role in cell positioning and movement in lymphoid tissues by mediating degradation of 7-alpha,25- dihydroxycholesterol (7-alpha,25-OHC): 7-alpha,25-OHC acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for a number of lymphoid cells (By similarity).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

HSD3B7 Antibody (Center) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

HSD3B7 Antibody (Center) Blocking peptide - Images