

HSD3B7 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5233c**Specification**

HSD3B7 Antibody (Center) Blocking peptide - Product InformationPrimary 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

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

- [Blocking Peptides](#)

HSD3B7 Antibody (Center) Blocking peptide - Images