

**HSD3B2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6761a****Specification**

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**HSD3B2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P26439](#)**HSD3B2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3284**Other Names**

3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2, 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type II, 3-beta-HSD II, 3-beta-HSD adrenal and gonadal type, 3-beta-hydroxy-Delta(5)-steroid dehydrogenase, 3-beta-hydroxy-5-ene steroid dehydrogenase, Progesterone reductase, Steroid Delta-isomerase, Delta-5-3-ketosteroid isomerase, HSD3B2, HSDB3B

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6761a](/products/AP6761a) was selected from the N-term region of human HSD3B2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**HSD3B2 Antibody (N-term) Blocking Peptide - Protein Information****Name** HSD3B2 ([HGNC:5218](#))**Synonyms** HSDB3B**Function**

3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids.

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass membrane protein. Mitochondrion membrane;

Single-pass membrane protein

**Tissue Location**

Expressed in adrenal gland, testis and ovary.

**HSD3B2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**HSD3B2 Antibody (N-term) Blocking Peptide - Images**

**HSD3B2 Antibody (N-term) Blocking Peptide - Background**

HSD3B2 is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. It plays a crucial role in the biosynthesis of all classes of hormonal steroids.

**HSD3B2 Antibody (N-term) Blocking Peptide - References**

Ahn,J., et.al., Hum. Mol. Genet. 18 (19), 3749-3757 (2009)