

## 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

#### 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)

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](#)