

SRD5A3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5276b**Specification**

SRD5A3 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9H8P0](#)**SRD5A3 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 79644**Other Names**

Polyprenol reductase, 3-oxo-5-alpha-steroid 4-dehydrogenase 3, Steroid 5-alpha-reductase 2-like, Steroid 5-alpha-reductase 3, S5AR 3, SR type 3, SRD5A3, SRD5A2L

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.

SRD5A3 Antibody (C-term) Blocking peptide - Protein Information**Name** SRD5A3 {ECO:0000303|PubMed:17986282, ECO:0000312|HGNC:HGNC:25812}**Function**

Plays a key role in early steps of protein N-linked glycosylation by being required for the conversion of polyprenol into dolichol (PubMed:20637498). Dolichols are required for the synthesis of dolichol-linked monosaccharides and the oligosaccharide precursor used for N-glycosylation (PubMed:20637498). Acts as a polyprenol reductase that promotes the reduction of the alpha-isoprene unit of polyprenols into dolichols in a NADP-dependent mechanism (PubMed:20637498). Also able to convert testosterone (T) into 5-alpha-dihydrotestosterone (DHT) (PubMed:17986282, PubMed:26855069).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Expressed in preadipocytes (at protein level) (PubMed:26855069). Overexpressed in

hormone-refractory prostate cancers (HRPC). Almost no or little expression in normal adult organs

SRD5A3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SRD5A3 Antibody (C-term) Blocking peptide - Images