10320 Camino Santa Fe, Suite G
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STS Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14527b

Specification

STS Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P08842

STS Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 412

Other Names
Steryl-sulfatase, Arylsulfatase C, ASC, Steroid sulfatase, Steryl-sulfate sulfohydrolase, STS, ARSC1

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.

STS Antibody (C-term) Blocking Peptide - Protein Information

Name STS

Synonyms ARSC1

Function
Catalyzes the conversion of sulfated steroid precursors, such as dehydroepiandrosterone sulfate (DHEA-S) and estrone sulfate to the free steroid.

Cellular Location
Cytoplasmic vesicle, secretory vesicle, microneme membrane; Multi-pass membrane protein Endoplasmic reticulum membrane; Multi-pass membrane protein

STS Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

STS Antibody (C-term) Blocking Peptide - Images

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STS Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene catalyzes the conversionof sulfated steroid precursors to estrogens during pregnancy. Theencoded protein is found in the endoplasmic reticulum, where itacts as a homodimer. Mutations in this gene are known to causeX-linked ichthyosis (XLI).

STS Antibody (C-term) Blocking Peptide - References

Chanplakorn, N., et al. Breast Cancer Res. Treat. 120(3):639-648(2010)Gruber, R., et al. J. Dermatol. Sci. 58(1):72-75(2010)Canueto, J., et al. J Eur Acad Dermatol Venereol (2010) In press :Li, J., et al. Breast Cancer Res. 12 (2), R19 (2010) :Chakrabarti, B., et al. Autism Res 2(3):157-177(2009)