

**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**

**STS Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene catalyzes the conversion of sulfated steroid precursors to estrogens during pregnancy. The encoded protein is found in the endoplasmic reticulum, where it acts as a homodimer. Mutations in this gene are known to cause X-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)