

## Product datasheet for **TA346177**

### Steroid sulfatase (STS) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-STS antibody: synthetic peptide directed towards the middle region of human STS. Synthetic peptide located within the following region: EPTSNMDIFPTVAKLAGAPLPEDRIIDGRDLMPLEGGKSQRSDHEFLFHY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	63 kDa
Gene Name:	steroid sulfatase (microsomal), isozyme S
Database Link:	<a href="#">NP_000342</a> <a href="#">Entrez Gene 412 Human</a> <a href="#">P08842</a>



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**Background:**

STS catalyzes the conversion of sulfated steroid precursors to estrogens during pregnancy. The protein is found in the endoplasmic reticulum, where it acts as a homodimer. Mutations in its gene are known to cause X-linked ichthyosis. 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). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

ARSC; ARSC1; ASC; ES; SSDD; XLI

**Note:**

Immunogen Sequence Homology: Human: 100%; Horse: 93%; Pig: 92%; Bovine: 90%; Zebrafish: 89%; Guinea pig: 86%; Dog: 80%; Mouse: 77%; Rabbit: 77%

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Androgen and estrogen metabolism

**Product images:**

WB Suggested Anti-STS Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human Placenta