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Datasheet for ABIN750211  
**anti-STS antibody (AA 51-150) (Cy3)**

### Overview

Quantity:	100 µL
Target:	STS
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STS antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Steroid sulfatase
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	STS
Alternative Name:	Ssdd/Steroid Sulfatase ( <a href="#">STS Products</a> )

## Target Details

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**Background:** Synonyms: ARSC, ARSC1, Arylsulfatase C, Arylsulfatase C isozyme S, ASC, EC 3.1.6.2, ES, Estrone sulfatase, SSDD, Steroid sulfatase microsomal, Steroid sulfatase microsomal arylsulfatase C isozyme S, Steroid sulfatase, Steryl sulfatase, Steryl sulfatase precursor, Steryl sulfate sulfohydrolase, STS, STS\_HUMAN, Steryl-sulfatase, ASC, Steryl-sulfate sulfohydrolase.  
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). [provided by RefSeq, Jul 2008].

**Gene ID:** 412

**Pathways:** [Steroid Hormone Biosynthesis](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months