# antibodies

# Datasheet for ABIN5535525 anti-STS antibody (C-Term)

2 Images



### Overview

| Quantity:            | 400 µL   |
|----------------------|--|
| Target:              | STS  |
| Binding Specificity: | AA 488-517, C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This STS antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))   |
| Product Details      |  |
| Immunogen:           | This STS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 488-517 amino acids from the C-terminal region of human STS. |
| lsotype:             | lg Fraction  |

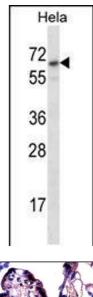
# Purification: This antibody is purified through a protein A column, followed by peptide affinity purification.

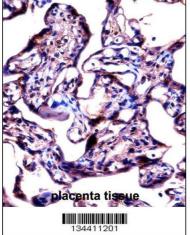
## Target Details

| Target:           | STS   |
|-------------------|---|
| Alternative Name: | STS (STS Products)  |
| 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). |

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| Target Details      |   |
|---------------------|---|
| Molecular Weight:   | 65 kDa  |
| Gene ID:            | 412   |
| UniProt:            | P08842  |
| Pathways:           | Steroid Hormone Biosynthesis  |
| Application Details |   |
| Application Notes:  | For WB starting dilution is: 1:1000   |
|                     | For IHC-P starting dilution is: 1:10~50   |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Concentration:      | 0.5 mg/mL   |
| Buffer:             | Supplied in PBS with 0.09 % (W/V) sodium azide.   |
| Preservative:       | Sodium azide  |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:            | 4 °C,-20 °C   |
| Storage Comment:    | Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to |





#### Western Blotting

**Image 1.** Western blot analysis in Hela cell line lysates (35ug/lane).

#### Immunohistochemistry

**Image 2.** STS Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.

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