

## Anti-Steroid sulfatase/STS Antibody Picoband® HRP Conjugated

Catalog Number: A01198-1-HRP

### About STS

Steroid sulfatase (STS), or steryl-sulfatase, formerly known as arylsulfatase C, is a sulfatase enzyme involved in the metabolism of steroids. It is encoded by the STS gene. This gene encodes a multi-pass membrane protein that is localized to the endoplasmic reticulum. It belongs to the sulfatase family and hydrolyzes several 3-beta-hydroxysteroid sulfates, which serve as metabolic precursors for estrogens, androgens, and cholesterol. Mutations in this gene are associated with X-linked ichthyosis (XLI). Alternatively spliced transcript variants resulting from the use of different promoters have been described for this gene.

### Overview

Product Name	Anti-Steroid sulfatase/STS Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P08842

### Technical Details

Immunogen	E. coli-derived human Steroid sulfatase recombinant protein (Position: K297-E396).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

### 1 Publications Citing This Product

1. PubMed ID: 10.1016/j.intimp.2021.108159, Isoliquiritigenin alleviates LPS/ D-GalN-induced acute liver failure by activating the PGC-1alpha/ Nrf2 pathway to reduce oxidative stress and inflammatory response

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