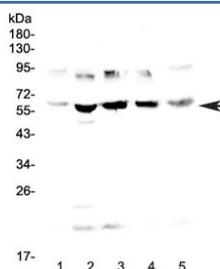


## Steroid sulfatase Antibody / Steryl-sulfatase / Arylsulfatase C (RQ4367)

Catalog No.	Formulation	Size
RQ4367	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P08842
<b>Localization</b>	Nucleus
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Steroid sulfatase antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) placenta, 3) MCF7, 4) HepG2 and 5) PANC-1 lysate with Steroid sulfatase antibody at 0.5ug/ml. Predicted molecular weight ~65 kDa.

### Description

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.

## Application Notes

Optimal dilution of the Steroid sulfatase antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids K297-E396 was used as the immunogen for the Steroid sulfatase antibody.

## Storage

After reconstitution, the Steroid sulfatase antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.