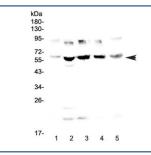


# Steroid sulfatase Antibody / Steryl-sulfatase / Arylsulfatase C (RQ4367)

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

#### **Bulk quote request**

Availability	1-3 business days	
Species Reactivity	Human	
Format	Antigen affinity purified	
Clonality	Polyclonal (rabbit origin)	
Isotype	Rabbit IgG	
Purity	Antigen affinity purified	
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide	
UniProt	P08842	
Localization	Nucleus	
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml	
Limitations	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.