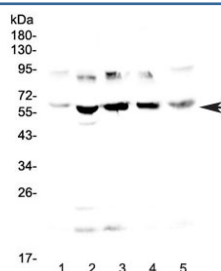


Steroid sulfatase Antibody / Steryl-sulfatase / Arylsulfatase C (RQ4367)

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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.