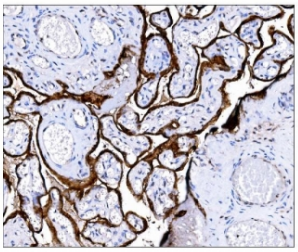
Steryl-sulfatase Antibody / Steroid sulfatase / Arylsulfatase C (RQ6523)

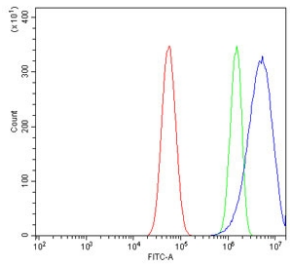
Catalog No.	Formulation	Size
RQ6523	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

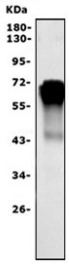
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P08842
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Steryl-sulfatase antibody is available for research use only.



IHC staining of FFPE human placental tissue with Steryl-sulfatase antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Flow cytometry testing of human U-87 MG cells with Steryl-sulfatase antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Steryl-sulfatase antibody.



Western blot testing of human placental tissue lysate with Steryl-sulfatase antibody. 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 Steryl-sulfatase antibody should be determined by the researcher.

Immunogen

An E. coli-derived human protein (amino acids K297-Q547) was used as the immunogen for the Steryl-sulfatase antibody.

Storage

After reconstitution, the Steryl-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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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