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Datasheet for ABIN2856113 anti-STS antibody

2 Images



## Overview

Quantity:	100 μL
Target:	STS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Steroid sulfatase. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to Steroid sulfatase (steroid sulfatase (microsomal), isozyme S) Steroid sulfatase antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

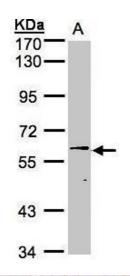
## Target Details

Target:	STS
Alternative Name:	steroid sulfatase (STS Products)

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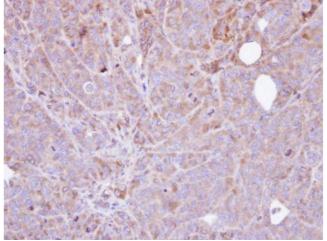
Target Details	
Background:	The protein encoded by this gene catalyzes the conversion of sulfated steroid precursors to estrogens during pregnancy. The encoded protein is found in the endoplasmic reticulum, where it acts as a homodimer. Mutations in this gene are known to cause X-linked ichthyosis (XLI).
	Cellular Localization: Endoplasmic reticulum membrane, Multi-pass membrane protein
Molecular Weight:	65 kDa
Gene ID:	412
UniProt:	P08842
Pathways:	Steroid Hormone Biosynthesis
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.43 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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## Western Blotting

**Image 1.** WB Image Sample(30 ug whole cell lysate) A:Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000



#### Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft , using Steroid sulfatase , antibody at 1:100 dilution.

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