



Anti-Steroid sulfatase antibody ab233233

★★★★★ [1 Abreviews](#) [5 Images](#)

Overview

Product name	Anti-Steroid sulfatase antibody
Description	Rabbit polyclonal to Steroid sulfatase
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human Steroid sulfatase aa 200 to the C-terminus. Expressed in E. coli. N-terminal tags. 2nd Lumenal domain. Database link: P08842
	 Run BLAST with  Run BLAST with
Positive control	IHC-P: Human liver tissue. WB: Recombinant human Steroid sulfatase protein. Mouse testis and placenta lysate; Human serum.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab233233 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 65 kDa.

Target

Function

Conversion of sulfated steroid precursors to estrogens during pregnancy.

Involvement in disease

Defects in STS are the cause of ichthyosis X-linked (IXL) [MIM:308100]. Ichthyosis X-linked is a keratinization disorder manifesting with mild erythroderma and generalized exfoliation of the skin within a few weeks after birth. Affected boys later develop large, polygonal, dark brown scales, especially on the neck, extremities, trunk, and buttocks.

Sequence similarities

Belongs to the sulfatase family.

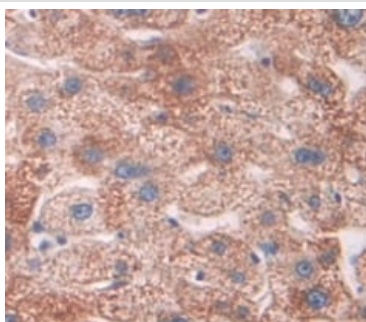
Post-translational modifications

The conversion to 3-oxoalanine (also known as C-formylglycine, FGly), of a serine or cysteine residue in prokaryotes and of a cysteine residue in eukaryotes, is critical for catalytic activity.

Cellular localization

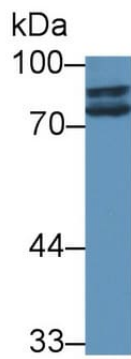
Endoplasmic reticulum membrane.

Images



Formalin-fixed, paraffin-embedded human liver tissue stained for Steroid sulfatase with ab233233 at 20 µg/ml in immunohistochemical analysis. DAB staining.

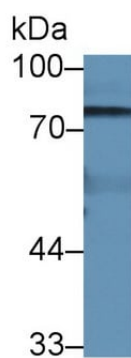
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Steroid sulfatase antibody (ab233233)



Western blot - Anti-Steroid sulfatase antibody
(ab233233)

Anti-Steroid sulfatase antibody (ab233233) at 1 μ g/ml + Mouse
testis tissue lysate

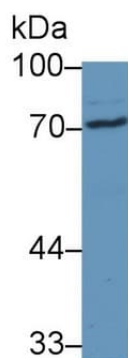
Predicted band size: 65 kDa



Western blot - Anti-Steroid sulfatase antibody
(ab233233)

Anti-Steroid sulfatase antibody (ab233233) at 1 μ g/ml + Human
serum

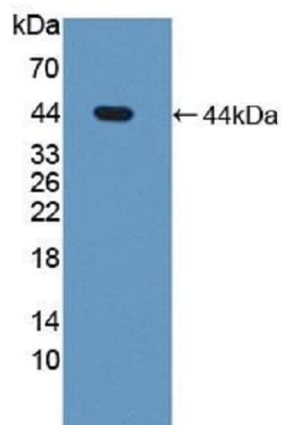
Predicted band size: 65 kDa



Anti-Steroid sulfatase antibody (ab233233) at 1 µg/ml + Mouse placenta tissue lysate

Predicted band size: 65 kDa

Western blot - Anti-Steroid sulfatase antibody (ab233233)



Anti-Steroid sulfatase antibody (ab233233) at 1 µg/ml + Recombinant human Steroid sulfatase protein

Predicted band size: 65 kDa

Western blot - Anti-Steroid sulfatase antibody (ab233233)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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