

Product datasheet

Anti-SULT1A1/STP antibody ab231555

[4 Images](#)

Overview

Product name	Anti-SULT1A1/STP antibody
Description	Rabbit polyclonal to SULT1A1/STP
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Mouse SULT1A1/STP aa 1 to the C-terminus. (Expressed in E.coli). Database link: P52840 Run BLAST with Run BLAST with
Positive control	IHC-P: Mouse liver tissue. WB: Mouse and rat liver lysates; Recombinant mouse SULT1A1/STP protein.
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	ab231555 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231555 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
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 34 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function

Catalyzes the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. Is also responsible for the sulfation and activation of minoxidil. Mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk.

Tissue specificity

Liver, lung, adrenal, brain, platelets and skin.

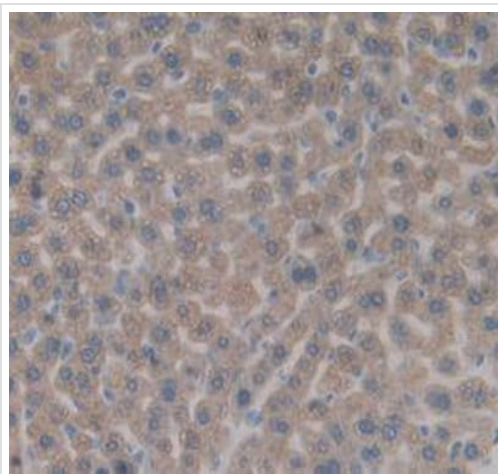
Sequence similarities

Belongs to the sulfotransferase 1 family.

Cellular localization

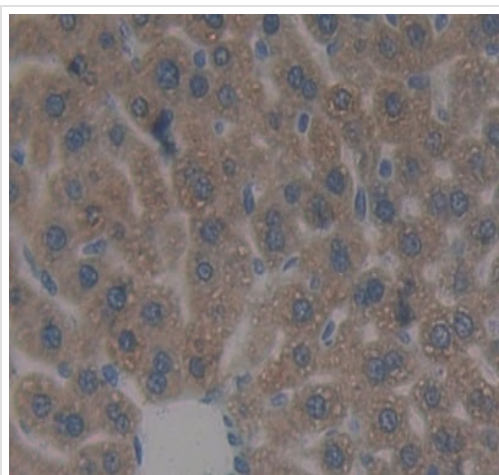
Cytoplasm.

Images



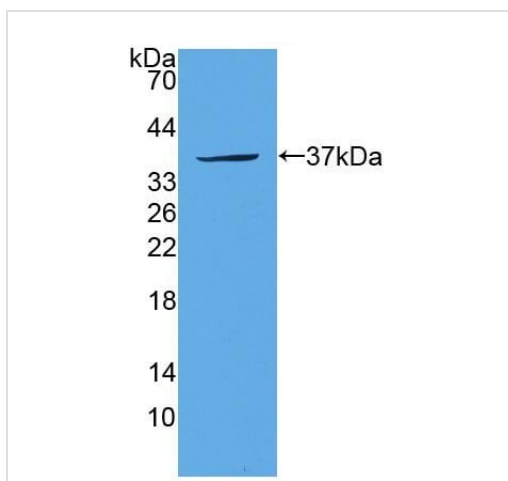
Paraffin-embedded mouse liver tissue stained for SULT1A1/STP using ab231555 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SULT1A1/STP antibody (ab231555)



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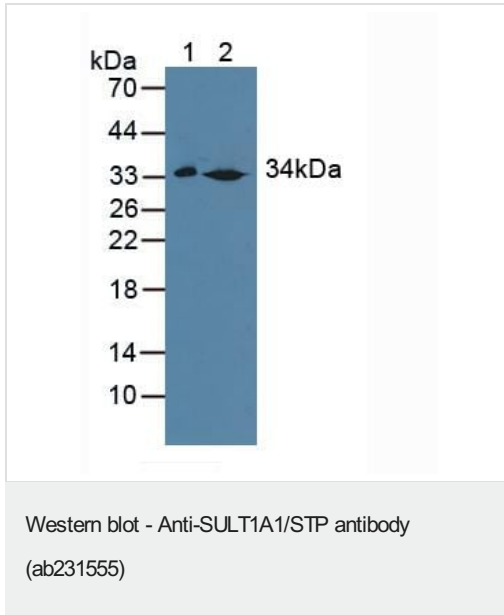
Western blot - Anti-SULT1A1/STP antibody (ab231555)

Anti-SULT1A1/STP antibody (ab231555) at 3 $\mu\text{g/ml}$ + Recombinant mouse SULT1A1/STP protein

Secondary

HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 34 kDa



All lanes : Anti-SULT1A1/STP antibody (ab231555) at 3 µg/ml

Lane 1 : Mouse liver lysate

Lane 2 : Rat liver lysate

Secondary

All lanes : HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 34 kDa

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

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- Extensive multi-media technical resources to help you
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