




Product datasheet

Anti-SUGT1 antibody ab204428

3 Images

Overview

Product name	Anti-SUGT1 antibody
Description	Rabbit polyclonal to SUGT1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human SUGT1 aa 250 to the C-terminus. Database link: Q9Y2Z0  Run BLAST with  Run BLAST with
Positive control	RT-4, U-251 MG, Human plasma and Human liver lysates; Human testis tissue; A431 cells.
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

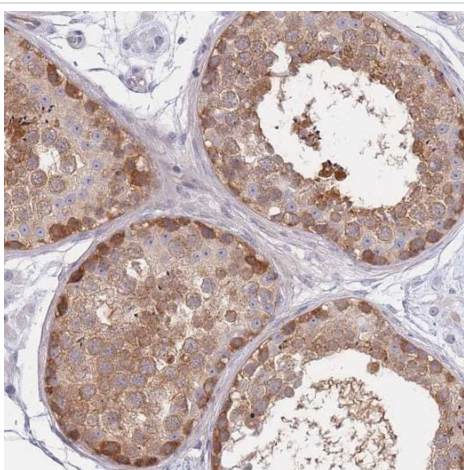
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab204428 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 41 kDa.
ICC/IF		Use a concentration of 1 - 4 µg/ml.

Target

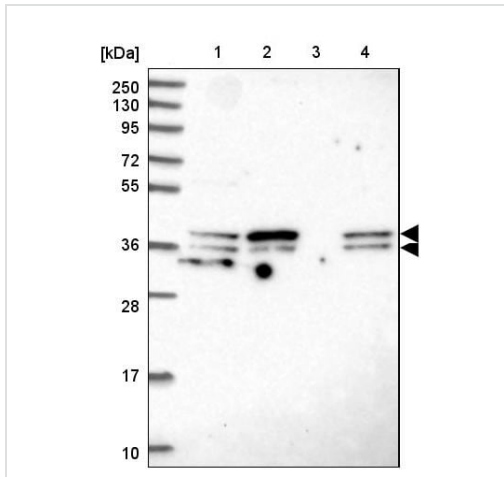
Function	May play a role in ubiquitination and subsequent proteasomal degradation of target proteins.
Sequence similarities	Belongs to the SGT1 family. Contains 1 CS domain. Contains 1 SGS domain. Contains 3 TPR repeats.
Domain	The CS domain mediates interaction with HSP90.
Post-translational modifications	Phosphorylated at Ser-281 and Ser-331, dephosphorylation promotes nuclear translocation, most likely due to disruption of the SUGT1-HSP90 complex.
Cellular localization	Cytoplasm. Nucleus. Translocates to the nucleus upon heat shock, requiring S100A6.

Images



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human testis tissue labeling SUGT1 with ab204428 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SUGT1 antibody (ab204428)



Western blot - Anti-SUGT1 antibody (ab204428)

All lanes : Anti-SUGT1 antibody (ab204428) at 1/100 dilution

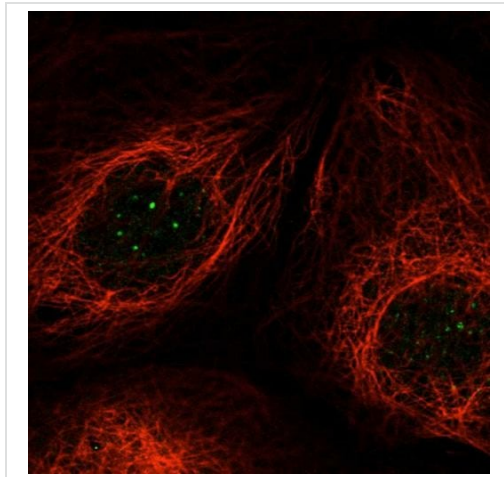
Lane 1 : RT-4 lysate

Lane 2 : U-251 MG lysate

Lane 3 : Human plasma lysate

Lane 4 : Human liver lysate

Predicted band size: 41 kDa



Immunocytochemistry/ Immunofluorescence - Anti-SUGT1 antibody (ab204428)

Immunofluorescent analysis of formalin fixed, triton X-100 permeabilized A431 cells labeling SUGT1 with ab204428 at 4 µg/ml (green).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors