

Product datasheet

Anti-TFIISH antibody ab220771

1 Image

Overview

Product name	Anti-TFIISH antibody
Description	Rabbit polyclonal to TFIISH
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow
Immunogen	<p>Recombinant fragment corresponding to Human TFIISH aa 1-73. Numbering is from isoform 1; the sequence also occurs in isoform 2.</p> <p>Sequence:</p> <p>MGQEEELLRIAKKLEKMKVARKNTEGALDLLKHLHSCQMSI QLLQTTTRIGV AVNGVRKHCSKDKEVVSLAKVLIK</p> <p>Database link: O75764</p> <p style="text-align: right;"> Run BLAST with Run BLAST with</p>
Positive control	U-2 OS cells.
General notes	<p>Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p>

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

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

Our [Abpromise guarantee](#) covers the use of **ab220771** in the following tested applications.

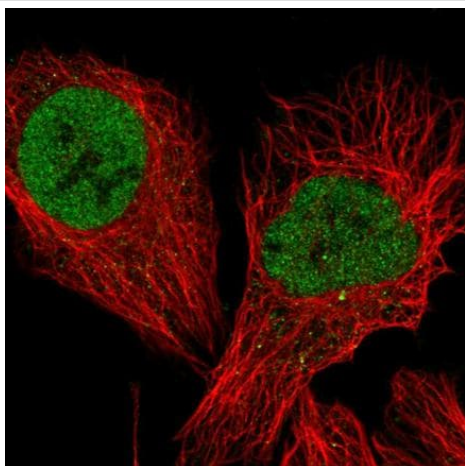
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Function	Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.
Sequence similarities	Belongs to the TFS-II family. Contains 1 TFIS central domain. Contains 1 TFIS N-terminal domain. Contains 1 TFIS-type zinc finger.
Cellular localization	Nucleus.

Images



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized U-2 OS cells labeling TFIISH with ab220771 at 4 µg/ml. Antibody staining is shown in green.

Immunocytochemistry/ Immunofluorescence - Anti-TFIISH antibody (ab220771)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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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.

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