




Product datasheet

Anti-PUS7 antibody ab224119

3 Images

Overview

Product name	Anti-PUS7 antibody
Description	Rabbit polyclonal to PUS7
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Cow 
Immunogen	Recombinant fragment corresponding to Human PUS7 aa 532-654. Sequence: PGFDVIYPKHKIQEAYREMLTADNLDIDNMRHKIRDYSLSG AYRKIIIRP QNVSWEVVAYDDPKIPLFNTDVDNLEGKTPPVFASEGKY RALKMDFSLPP STYATMAIREVLKMDTSIKNQTT Database link: Q96PZ0  Run BLAST with  Run BLAST with
Positive control	WB: RT4, U251 MG sp, NIH/3T3 and NBT-II cell lysates. IHC-P: Human testis tissue. ICC/IF: U-251 MG cells.
General notes	<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> <p>Please check that this product meets your needs before purchasing. If you have any questions,</p>

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), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab224119** in the following tested applications.

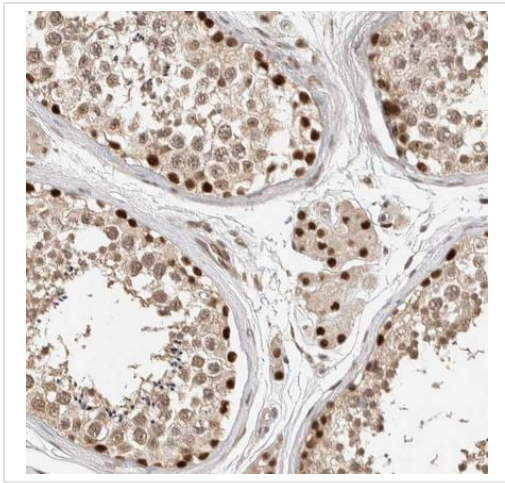
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/200 - 1/500. 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: 75 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

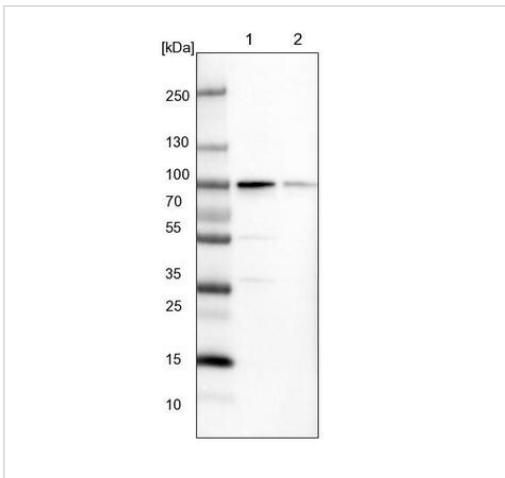
Sequence similarities	Belongs to the pseudouridine synthase TruD family. Contains 1 TRUD domain.
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Images



Paraffin-embedded human testis tissue stained for PUS7 with ab224119 (1/200) in immunohistochemical analysis

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PUS7 antibody (ab224119)



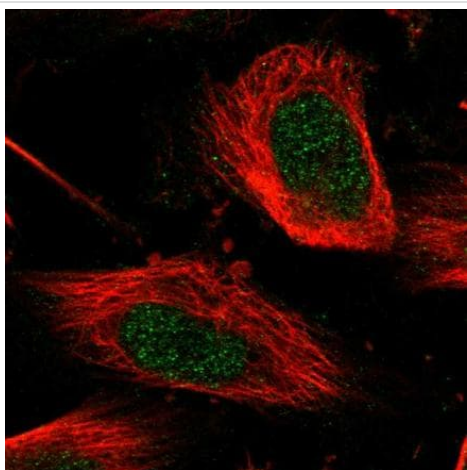
All lanes : Anti-PUS7 antibody (ab224119) at 1/100 dilution

Lane 1 : NIH/3T3 (mouse embryo fibroblast cell line) cell lysate

Lane 2 : NBT-II (Rat Wistar bladder tumor cell line) cell lysate

Predicted band size: 75 kDa

Western blot - Anti-PUS7 antibody (ab224119)



Immunocytochemistry/ Immunofluorescence - Anti-PUS7 antibody (ab224119)

PFA-fixed, Triton X-100 permeabilized U-251 MG (human brain glioma cell line) cells stained for PUS7 (green) using ab224119 (4 $\mu\text{g/ml}$) in ICC/IF.

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

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