




Anti-PUS7 antibody ab224119

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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 500 to the C-terminus. Database link: Q96PZ0 <div>  Run BLAST with  Run BLAST with </div>
Positive control	WB: K562, NIH/3T3 and NBT-II cell lysates. IHC-P: Human testis, pancreas, cervix and endometrium tissue. ICC/IF: U-251 MG 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), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

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.

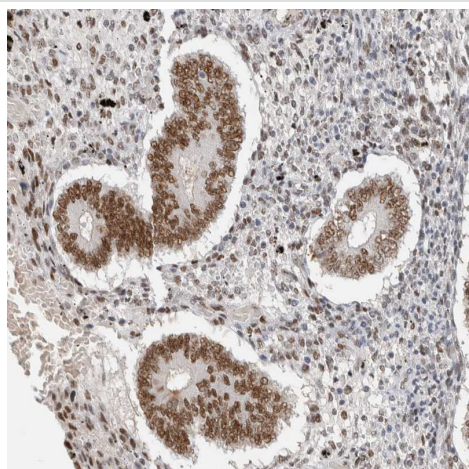
Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 75 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Sequence similarities

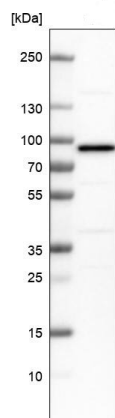
Belongs to the pseudouridine synthase TruD family.
Contains 1 TRUD domain.

Images



Immunohistochemical analysis of Formalin/PFA-fixed paraffin-embedded human endometrium sections labeling PUS7 antibody with ab224119 at 1/200. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.

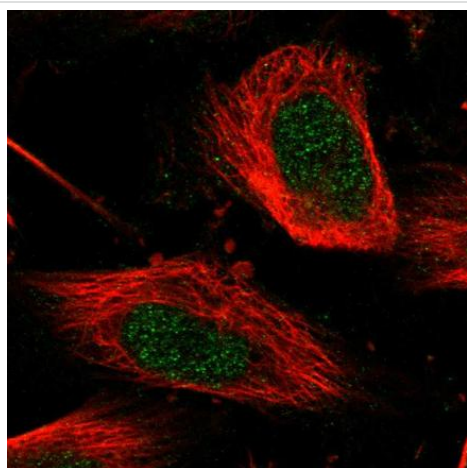
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PUS7 antibody (ab224119)



Western blot - Anti-PUS7 antibody (ab224119)

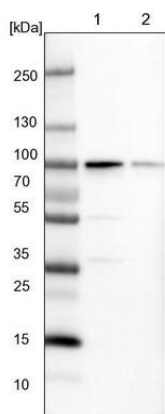
Anti-PUS7 antibody (ab224119) at 0.4 $\mu\text{g/ml}$ + K562 cell lysates

Predicted band size: 75 kDa



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.



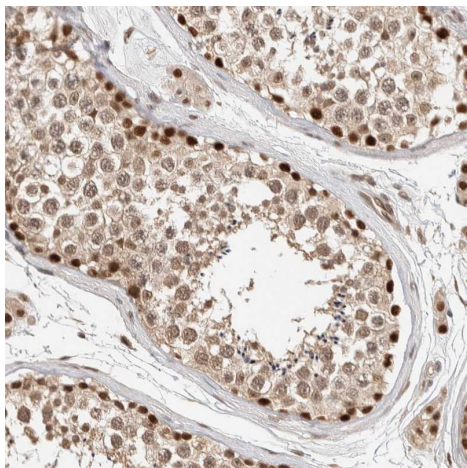
Western blot - Anti-PUS7 antibody (ab224119)

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

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

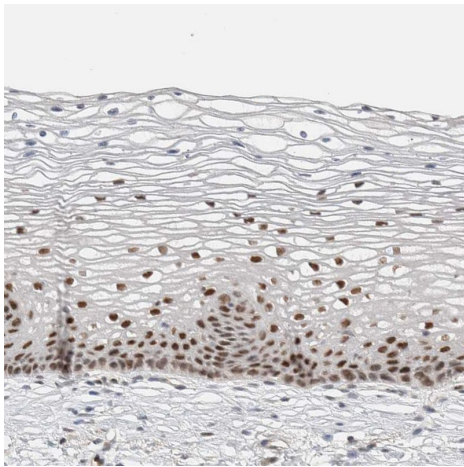
Lane 2 : NBT-II (Rat Wistar bladder tumor cell line) cell lysate

Predicted band size: 75 kDa



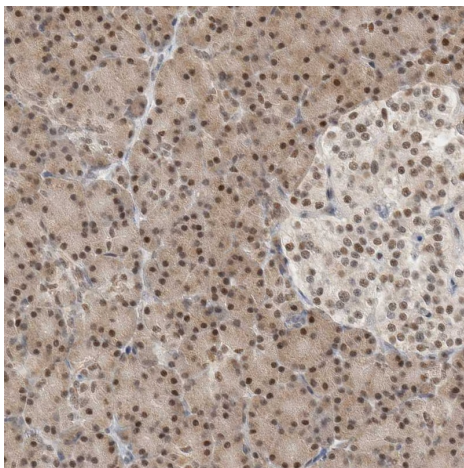
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PUS7 antibody (ab224119)

Immunohistochemical analysis of Formalin/PFA-fixed paraffin-embedded human testis sections labeling PUS7 antibody with ab224119 at 1/200. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.



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

Immunohistochemical analysis of Formalin/PFA-fixed paraffin-embedded human cervix uterine sections labeling PUS7 antibody with ab224119 at 1/200. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.



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

Immunohistochemical analysis of Formalin/PFA-fixed paraffin-embedded human pancreas sections labeling PUS7 antibody with ab224119 at 1/200. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.

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