abcam

Product datasheet

Anti-Gemin 8 antibody ab224758

3 Images

Overview

Product name	Anti-Gemin 8 antibody
Description	Rabbit polyclonal to Gemin 8
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment corresponding to Human Gemin 8 aa 1-200. Database link: **Q9NWZ8**

Run BLAST with   **Run BLAST with**

Positive control	IHC-P: Human thyroid gland tissue. WB: Human RT4 and U-251 MG sp cell lysates. ICC/IF: U-2 OS cells.
General notes	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.
	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

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 ab224758 in the following tested applications.

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

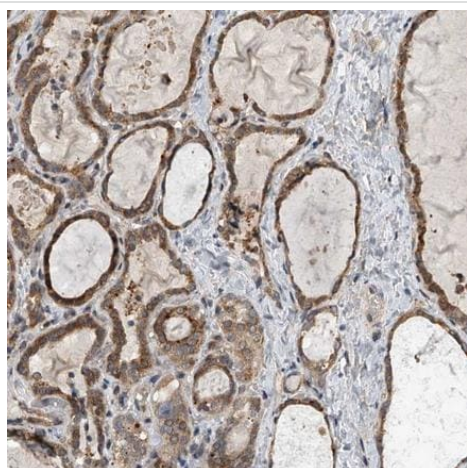| Application	Abreviews	Notes
IHC-P		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 29 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Relevance   Gemin 8 forms a large macromolecular complex which includes other gemin proteins, SMN (survival motor neuron) protein and Unrip. This complex is required for assembly of small nuclear ribonucleoproteins (snRNPs) from Sm proteins and snRNAs. Gemin 8 mediates the binding of SMN with gemin 6 and gemin 7.
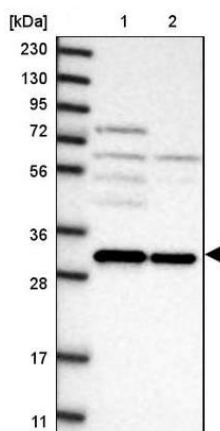
Cellular localization   Cytoplasmic and Nuclear

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Gemin 8 antibody (ab224758)

Paraffin-embedded human thyroid gland tissue stained for Gemin 8 using ab224758 at 1/20 dilution in immunohistochemical analysis.

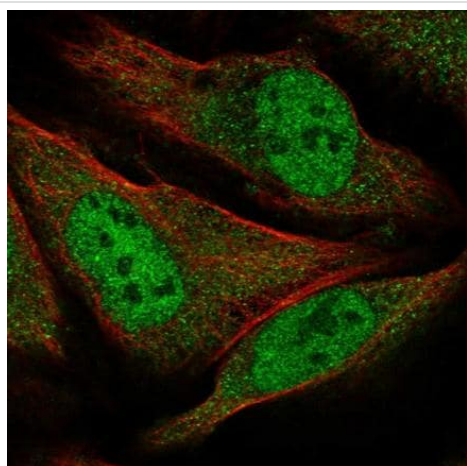Western blot - Anti-Gemin 8 antibody (ab224758)

All lanes : Anti-Gemin 8 antibody (ab224758) at 1/100 dilution

Lane 1 : RT4 (human urinary bladder cancer cell line) cell lysate

Lane 2 : U-251 MG sp (human brain glioma cell line) cell lysate

Developed using the ECL technique.

Predicted band size: 29 kDa

Immunocytochemistry/ Immunofluorescence - Anti-Gemin 8 antibody (ab224758)

PFA-fixed, Triton X-100 permeabilized U-2 OS (human bone osteosarcoma epithelial cell line) cells stained for Gemin 8 (green) using ab224758 at 4 μg/ml in ICC/IF.

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- Response to your inquiry within 24 hours

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