

Anti-NUCB2 antibody ab224348

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Overview

Product name	Anti-NUCB2 antibody
Description	Rabbit polyclonal to NUCB2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment corresponding to Human NUCB2 aa 300 to the C-terminus. Database link: P80303
	Run BLAST with Run BLAST with
Positive control	WB: HL-60 and NBT-II cell lysate. IHC-P: Human stomach tissue. ICC/IF: U-2 OS 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 ab224348 in the following tested applications.

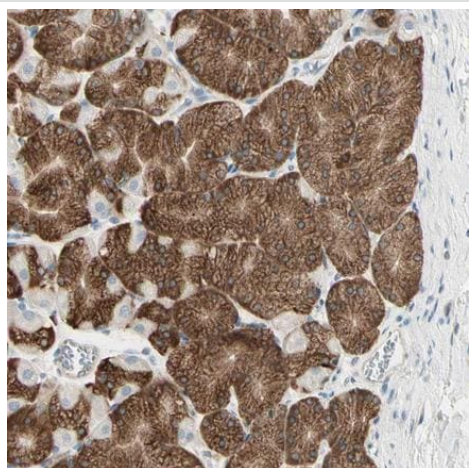
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/1000 - 1/2500. 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: 50 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

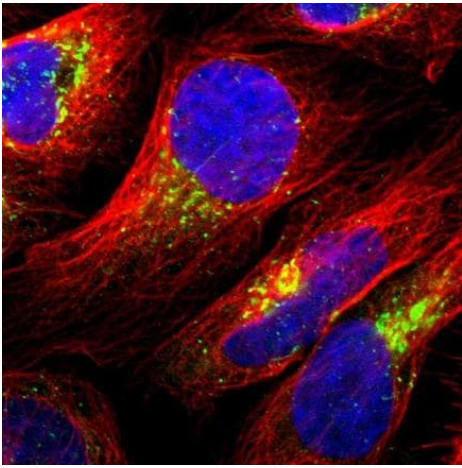
Function	Calcium-binding protein. May have a role in calcium homeostasis.
Tissue specificity	Predominantly expressed in spleen, testis and normal stomach.
Sequence similarities	Belongs to the nucleobindin family. Contains 2 EF-hand domains.
Cellular localization	Membrane. Cytoplasm. Secreted.

Images



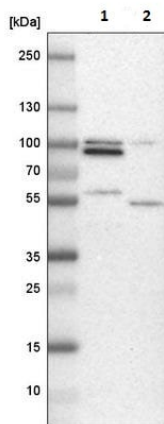
Paraffin-embedded human stomach tissue stained for NUCB2 using ab224348 at 1/1000 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUCB2 antibody (ab224348)



Immunocytochemistry/ Immunofluorescence - Anti-NUCB2 antibody (ab224348)

PFA-fixed, Triton X-100 permeabilized U-2 OS (human bone osteosarcoma epithelial cell line) cells stained for NUCB2 (green) using ab224348 at 4 µg/ml in ICC/IF.



Western blot - Anti-NUCB2 antibody (ab224348)

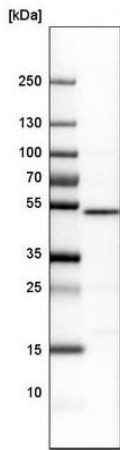
All lanes : Anti-NUCB2 antibody (ab224348) at 1/100 dilution

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

Lane 2 : NBT-II cell lysate

Developed using the ECL technique.

Predicted band size: 50 kDa



Western blot - Anti-NUCB2 antibody (ab224348)

Anti-NUCB2 antibody (ab224348) at 1/100 dilution + HL-60 (human promyelocytic leukemia cell line) cell lysate

Developed using the ECL technique.

Predicted band size: 50 kDa

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

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