

Anti-Pan2 antibody ab222810

2 Images

Overview

Product name	Anti-Pan2 antibody
Description	Rabbit polyclonal to Pan2
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Pan2 aa 628-908. Database link: Q504Q3
Positive control	IHC-P: Human liver tissue. ICC/IF: HepG2 (human liver hepatocellular carcinoma cell line) 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: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab222810 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		1/50 - 1/200.
IHC-P		1/20 - 1/200.

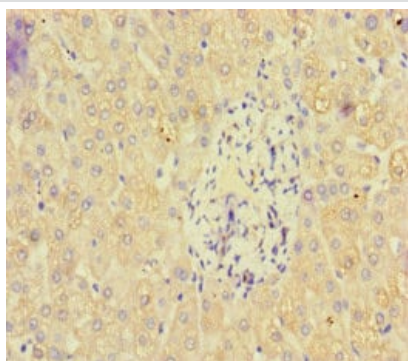
Target

Function Functions in cytoplasmic mRNA decay. As part of the Pan nuclease complex, shortens poly(A) tails of RNA when the poly(A) stretch is bound by polyadenylate-binding protein.

Sequence similarities Belongs to the peptidase C19 family. PAN2 subfamily.
Contains 1 exonuclease domain.

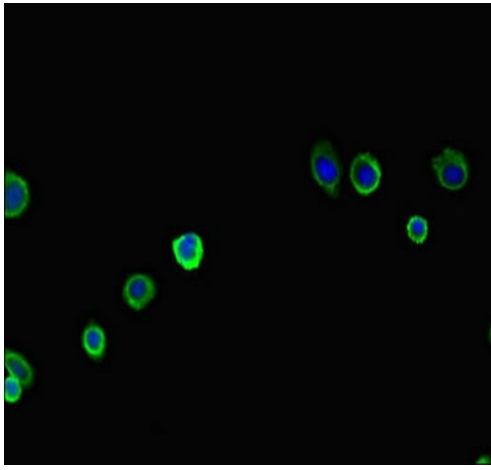
Cellular localization Cytoplasm. Nucleus. Shuttles between nucleus and cytoplasm.

Images



Paraffin-embedded human liver tissue stained for Pan2 using ab222810 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Pan2 antibody (ab222810)



Immunocytochemistry/ Immunofluorescence - Anti-Pan2 antibody (ab222810)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for Pan2 (green) using ab222810 at 1/100 dilution in ICC/IF, followed by Alexa Fluor 488[®] conjugated Goat Anti-Rabbit IgG (H+L).

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

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