




Product datasheet

Anti-NOB1 antibody ab224619

3 References 4 Images

Overview

Product name	Anti-NOB1 antibody
Description	Rabbit polyclonal to NOB1
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cynomolgus monkey, Orangutan 
Immunogen	Recombinant fragment corresponding to Human NOB1 aa 103-229. Sequence: LKQEPQKVKVSSSIQHPETPLHISGFHLPYKPKPPQETEK GHSACEPENL EFSSFMFWRNPLPNIDHELQELLIDRGEDVPSEEEEEEEEN GFEDRKDDSD DDGGGWITPSNIKQIQQELEQCDVPED Database link: Q9ULX3  Run BLAST with  Run BLAST with
Positive control	WB: HeLa whole cell lysate; Mouse brain, kidney and stomach tissue lysates. IHC-P: Human thyroid and placenta tissues. ICC/IF: A549 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: 7.40 Constituents: 50% Glycerol (glycerin, glycerine), PBS, 0.03% Proclin 300
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab224619** in the following tested applications.

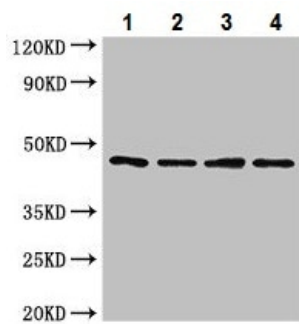
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/50 - 1/200.
WB		1/500 - 1/5000. Detects a band of approximately 47 kDa (predicted molecular weight: 47 kDa).
IHC-P		1/20 - 1/200.

Target

Function	May play a role in mRNA degradation.
Tissue specificity	Detected in liver, lung, placenta, endothelial cells and spleen.
Sequence similarities	Belongs to the NOB1 family. Contains 1 PINc domain.
Cellular localization	Nucleus.

Images



Western blot - Anti-NOB1 antibody (ab224619)

All lanes : Anti-NOB1 antibody (ab224619) at 1/500 dilution

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : Mouse brain tissue lysate

Lane 3 : Mouse kidney tissue lysate

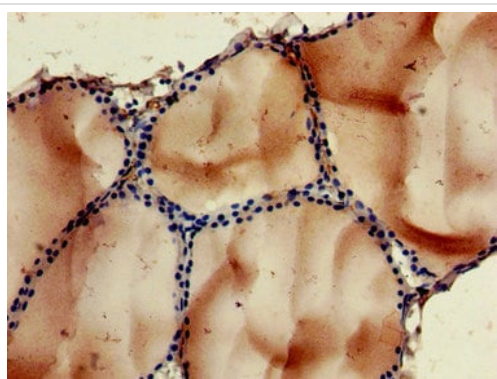
Lane 4 : Mouse stomach tissue lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/50000 dilution

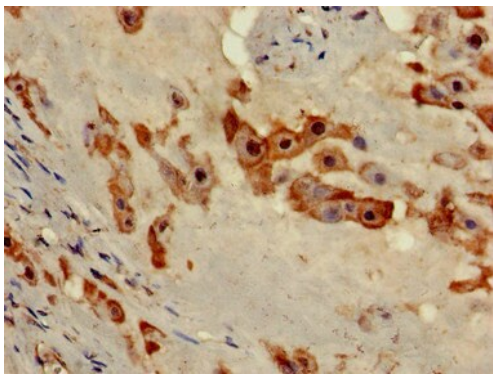
Predicted band size: 47 kDa

Observed band size: 47 kDa



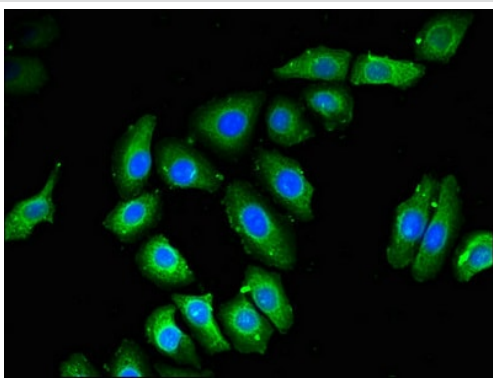
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOB1 antibody (ab224619)

Paraffin-embedded human thyroid tissue stained for NOB1 using ab224619 at 1/100 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOB1 antibody (ab224619)

Paraffin-embedded human placenta tissue stained for NOB1 using ab224619 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-NOB1 antibody (ab224619)

A549 (human lung carcinoma cell line) cells stained for NOB1 (green) using ab224619 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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