

Product datasheet

Anti-Adenosine A2b Receptor/ADORA2B antibody ab222901

4 Images

Overview

Product name	Anti-Adenosine A2b Receptor/ADORA2B antibody
Description	Rabbit polyclonal to Adenosine A2b Receptor/ADORA2B
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human Adenosine A2b Receptor/ADORA2B aa 292-332 (C terminal). Sequence: YRNRDFRYTFHKIISRYLLCQADVKSGNGQAGVQPALGVG L Database link: P29275 Run BLAST with Run BLAST with
Positive control	WB: Mouse brain tissue lysate. ICC/IF: HepG2 cells. IHC-P: Human brain and kidney tissue.
General notes	This product was previously labelled as Adenosine A2b Receptor

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

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.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

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.

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.

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, 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, 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 **ab222901** in the following tested applications.

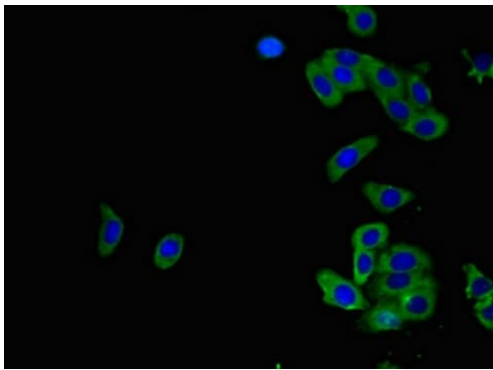
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/50 - 1/200.
WB		1/500 - 1/5000.
IHC-P		1/20 - 1/200.

Target

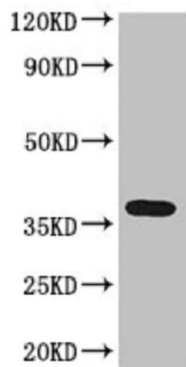
Relevance	Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
Cellular localization	Multi-pass membrane protein.

Images



Immunocytochemistry/ Immunofluorescence - Anti-Adenosine A2b Receptor/ADORA2B antibody (ab222901)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for Adenosine A2b Receptor/ADORA2B (green) using ab222901 (1/100 dilution) in ICC/IF. Secondary: Alexa Fluor 488[®] conjugated Goat Anti-Rabbit IgG (H+L) .

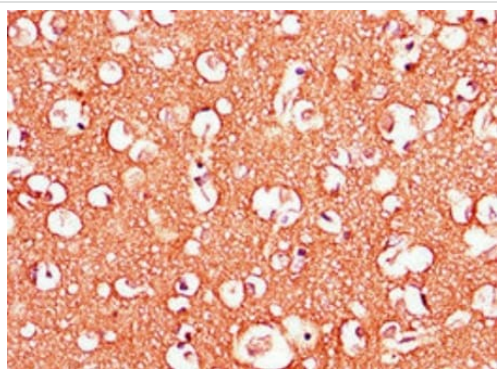


Western blot - Anti-Adenosine A2b Receptor/ADORA2B antibody (ab222901)

Anti-Adenosine A2b Receptor/ADORA2B antibody (ab222901) at 1/500 dilution + mouse brain tissue

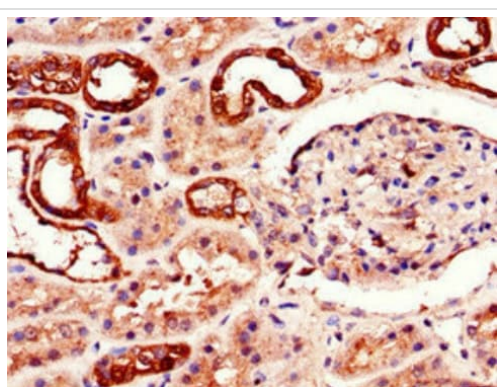
Secondary

Goat polyclonal to rabbit IgG at 1/500000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine A2b Receptor/ADORA2B antibody (ab222901)

Paraffin embedded human brain tissue stained for Adenosine A2b Receptor/ADORA2B with ab222901 (1/100 dilution) in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine A2b Receptor/ADORA2B antibody (ab222901)

Paraffin embedded human kidney tissue stained for Adenosine A2b Receptor/ADORA2B with ab222901 (1/100 dilution) in immunohistochemical analysis.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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