


Anti-Adenosine A3 Receptor/A3AR antibody ab197350

[2 References](#) [2 Images](#)

Overview

Product name	Anti-Adenosine A3 Receptor/A3AR antibody
Description	Rabbit polyclonal to Adenosine A3 Receptor/A3AR
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Recombinant fragment corresponding to Human Adenosine A3 Receptor/A3AR (internal sequence). Database link: P33765
Positive control	Human esophagus cancer tissue; Mouse testis tissue lysate.
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: 7.4 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol, 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab197350 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 - 1/100.
WB		1/500 - 1/1000. Predicted molecular weight: 36 kDa.

Target

Function

Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. Possible role in reproduction.

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

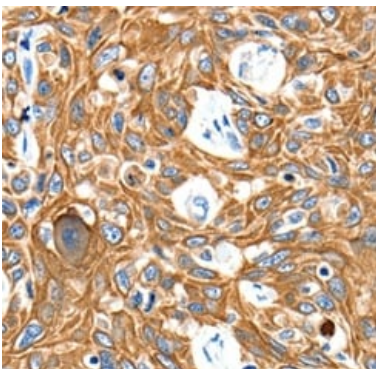
Post-translational modifications

Phosphorylation on Ser-317 may be crucial for rapid desensitization.

Cellular localization

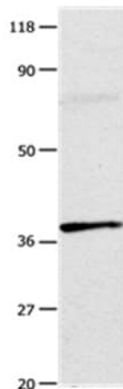
Cell membrane.

Images



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue sections labeling Adenosine A3 Receptor/A3AR with ab197350 at a 1/20 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine A3 Receptor/A3AR antibody (ab197350)



Western blot - Anti-Adenosine A3 Receptor/A3AR antibody (ab197350)

Anti-Adenosine A3 Receptor/A3AR antibody (ab197350) at 1/100 dilution + mouse testis tissue lysate at 20 µg

Secondary

Anti-rabbit IgG at 1/8000 dilution

Developed using the ECL technique.

Predicted band size: 36 kDa

Exposure time: 1 minute

Gel: 10%SDS-PAGE

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

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