





Product datasheet

Anti-Adenosine A3 Receptor/A3AR antibody ab169829

Overview

Product name	Anti-Adenosine A3 Receptor/A3AR antibody
Description	Goat polyclonal to Adenosine A3 Receptor/A3AR
	<div style="border: 1px solid #ccc; background-color: #e6f2ff; padding: 10px;"> <p> This product is a fast track antibody. It has been affinity purified and shows high titre values against the immunizing peptide by ELISA. Read the terms of use »</p> </div>
Host species	Goat
Specificity	ab169829 is expected to recognize isoform 1 and isoform 3.
Species reactivity	<p>Predicted to work with: Human </p>
Immunogen	<p>Synthetic peptide corresponding to Human Adenosine A3 Receptor/A3AR aa 169-179 (internal sequence).</p> <p>Sequence:</p> <p>TASAICNYNAH</p> <p>Database link: NP_065734.5</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
General notes	This product was previously labelled as Adenosine A3 Receptor

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.
Storage buffer	<p>pH: 7.30</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 99% Tris buffered saline, 0.5% BSA</p>
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal

Isotype

IgG

Applications

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

[Fast track terms of use](#)

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 36 kDa. Preliminary experiments in all Human tissue lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

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.

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