


# Anti-Adenosine Receptor A2a antibody [7F6-G5-A2] ab79714

★★★★★ [3 Abreviews](#) [6 References](#) [4 图像](#)

### 概述

产品名称	Anti-Adenosine Receptor A2a抗体[7F6-G5-A2]
描述	小鼠单克隆抗体[7F6-G5-A2] to Adenosine Receptor A2a
宿主	Mouse
特异性	This antibody is recommended for tissue lysates only. In house testing has shown no signal in Western Blot for SH-SY5Y, SK-N-SH, PC-12 or HeLa cell lines.
经测试应用	<b>适用于:</b> IHC-P, WB <b>不适用于:</b> ICC/IF
种属反应性	<b>与反应:</b> Mouse, Rat, Human <b>预测可用于:</b> Guinea pig, Hamster, Dog, Non human primates 
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
表位	Recognises amino acids 213-220 (SQPLPGER) within the third intracellular loop.
阳性对照	WB: Human, mouse, and rat brain tissue lysates. IHC-P: Rat, mouse and human brain caudate nucleus.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 6.97% L-Arginine

纯度	Protein G purified
纯化说明	Purified by running the antiserum from the injected animal through an affinity column with the antigen bound to a beaded agarose gel.
克隆	单克隆
克隆编号	7F6-G5-A2
同种型	IgG2a

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab79714于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

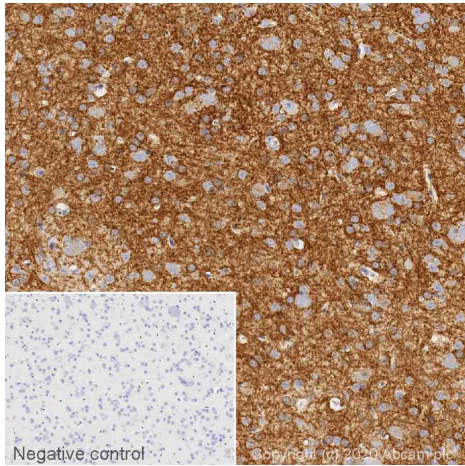
应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use a concentration of 1 - 5 µg/ml. Detects a band of approximately 42 kDa (predicted molecular weight: 45 kDa). We recommend using 1% BSA as a blocking agent for western blot.

应用说明      Is unsuitable for ICC/IF.

## 靶标

功能	Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
序列相似性	Belongs to the G-protein coupled receptor 1 family.
结构域	The cytoplasmic C-terminal domain is necessary for targeting the non-ubiquitinated form of this protein to the cell surface.
翻译后修饰	Ubiquitinated. Deubiquitinated by USP4; leading to stabilization and expression at the cell surface.
细胞定位	Cell membrane.

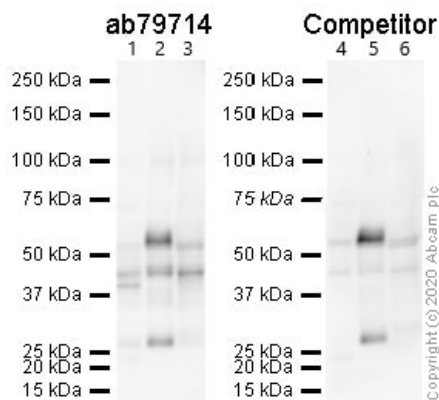
## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine Receptor A2a antibody [7F6-G5-A2] (ab79714)

IHC image of Adenosine Receptor A2a staining in Mouse normal brain Caudate Nucleus formalin fixed paraffin embedded tissue section\*, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab79714, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Western blot - Anti-Adenosine Receptor A2a antibody [7F6-G5-A2] (ab79714)

**Lanes 1-3 :** Anti-Adenosine Receptor A2a antibody [7F6-G5-A2] (ab79714) at 5 µg/ml

**Lanes 4-6 :** Competitor product at 5 µg/ml

**Lanes 1 & 4 :** Human brain tissue lysate

**Lanes 2 & 5 :** Mouse brain tissue lysate

**Lanes 3 & 6 :** Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/5000 dilution

**Predicted band size:** 45 kDa

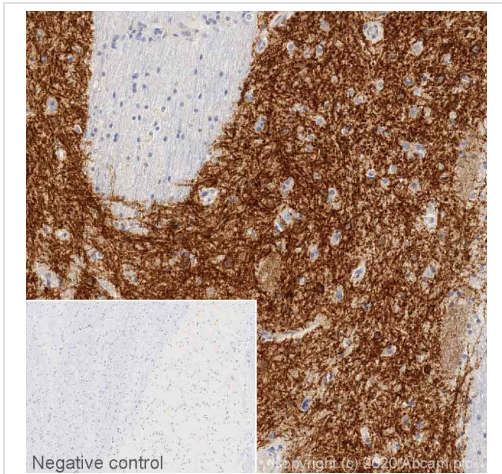
**Observed band size:** 45 kDa

**Additional bands at:** 25 kDa, 39 kDa, 55 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 20 minutes

**Blocking buffer:** 1% BSA

**Gel type:** MOPS

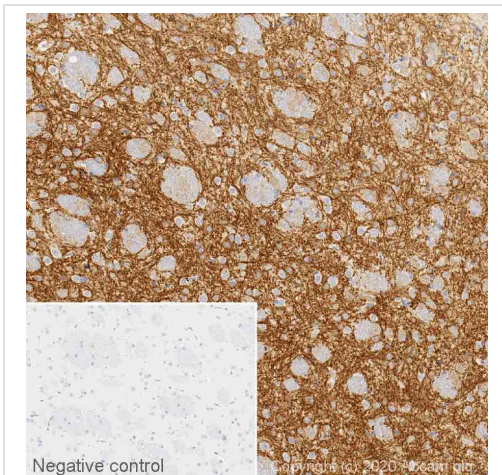


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine Receptor A2a antibody [7F6-G5-A2] (ab79714)

IHC image of Adenosine Receptor A2a staining in Human normal brain Caudate Nucleus formalin fixed paraffin embedded tissue section\*, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab79714, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*\*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre*



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine Receptor A2a antibody [7F6-G5-A2] (ab79714)

IHC image of Adenosine Receptor A2a staining in Rat normal brain Caudate Nucleus formalin fixed paraffin embedded tissue section\*, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab79714, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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

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