

# Anti-Adenosine A1 Receptor antibody ab82477

★★★★☆ **2 Abreviews** **28 References** **画像数 3**

### 製品の概要

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製品名	Anti-Adenosine A1 Receptor antibody
製品の詳細	Rabbit polyclonal to Adenosine A1 Receptor
由来種	Rabbit
特異性	Replenishment batches of ab82477 are tested in WB. Previous batches were additionally validated in ICC/IF and IHC-P. These applications are still expected to work and are covered by our Abpromise guarantee.
アプリケーション	<b>適用あり:</b> IHC-P, WB, ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat
免疫原	Synthetic peptide corresponding to Rat Adenosine A1 Receptor aa 300 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as <b>ab91076</b> )
ポジティブ・コントロール	This antibody gave a positive signal in Rat Spinal Ganglion Neuronal cell lysate and Mouse EL4 Lymphoma whole cell lysate.
特記事項	<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>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our

scientific support team who will be happy to help.

精製度	Immunogen affinity purified
ポリクローナル	ポリクローナル
アイソタイプ	IgG

## アプリケーション

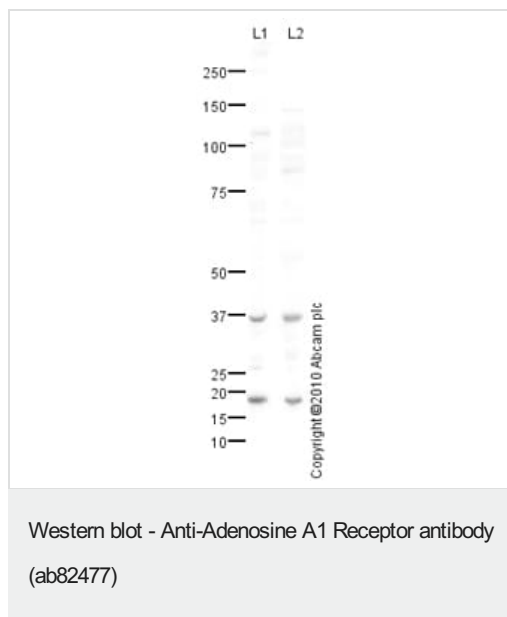
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab82477の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	Use a concentration of 1 µg/ml.
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

## ターゲット情報

機能	Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.
配列類似性	Belongs to the G-protein coupled receptor 1 family.
細胞内局在	Cell membrane.

## 画像



**All lanes** : Anti-Adenosine A1 Receptor antibody (ab82477) at 1 µg/ml

**Lane 1** : Rat Spinal Ganglion Neuronal cell lysate

**Lane 2** : EL4 whole cell lysate ([ab7183](#))

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

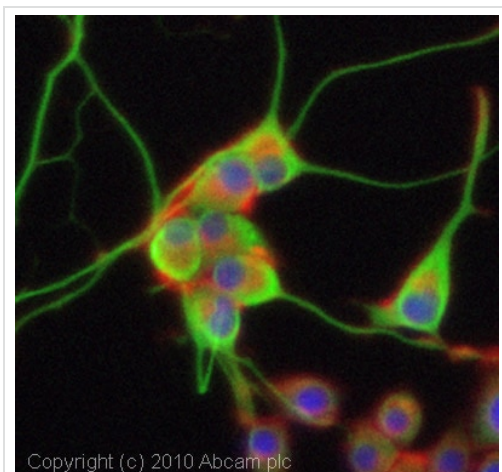
Performed under reducing conditions.

**Predicted band size:** 36 kDa

**Observed band size:** 36 kDa

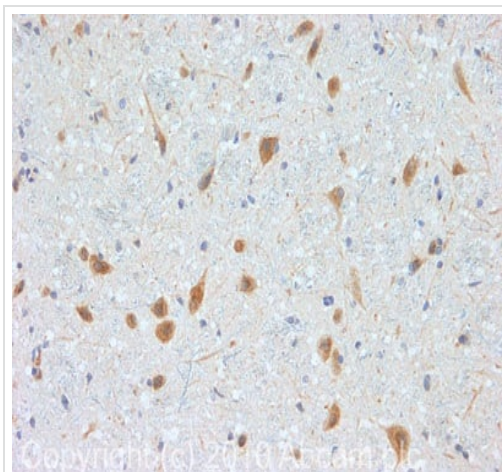
**Additional bands at:** 118 kDa, 18 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 1 minute



Immunocytochemistry/ Immunofluorescence - Anti-Adenosine A1 Receptor antibody (ab82477)

ICC/IF image of ab82477 stained PC12 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab82477, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 4% PFA fixed (10 min) PC12 cells at 5µg/ml.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Adenosine A1 Receptor antibody (ab82477)

IHC image of ab82477 staining in Rat Adult Brain 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 ab82477, 1µg/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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