

# Product Datasheet

## Adenosine A1R Antibody (JE31-35) NBP3-32002

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32002****Adenosine A1R Antibody (JE31-35)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JE31-35
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	36.5 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Adenosine A1R Antibody (JE31-35) (NBP3-32002) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	134
<b>Gene Symbol</b>	ADORA1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human Adenosine A1R aa 103-201 / 326. (Uniprot: P30542)

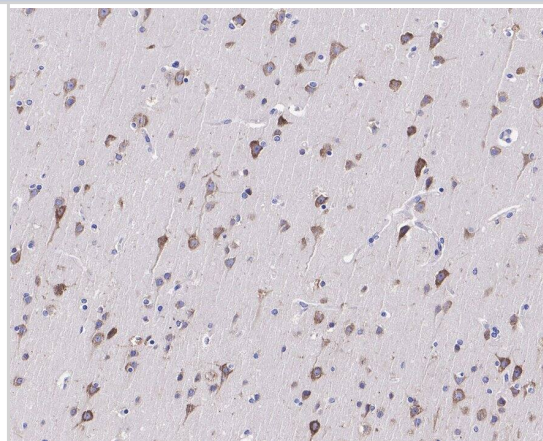
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

**Immunohistochemistry: Adenosine A1R Antibody (JE31-35) [NBP3-32002]** - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-Adenosine A1R antibody (NBP3-32002) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32002) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Western Blot: Adenosine A1R Antibody (JE31-35) [NBP3-32002]** - Western blot analysis of Adenosine A1R on different lysates with Rabbit anti-Adenosine A1R antibody (NBP3-32002) at 1/1,000 dilution.

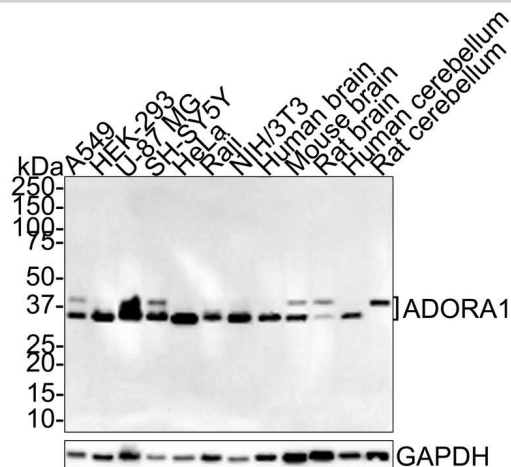
Lane 1: A549 cell lysate (15 ug/Lane)  
 Lane 2: HEK-293 cell lysate (15 ug/Lane)  
 Lane 3: U-87 MG cell lysate (15 ug/Lane)  
 Lane 4: SH-SY5Y cell lysate (15 ug/Lane)  
 Lane 5: HeLa cell lysate (15 ug/Lane)  
 Lane 6: Raji cell lysate (15 ug/Lane)  
 Lane 7: NIH/3T3 cell lysate (15 ug/Lane)  
 Lane 8: Human brain tissue lysate (30 ug/Lane)  
 Lane 9: Mouse brain tissue lysate (30 ug/Lane)  
 Lane 10: Rat brain tissue lysate (30 ug/Lane)  
 Lane 11: Human cerebellum tissue lysate (30 ug/Lane)  
 Lane 12: Rat cerebellum tissue lysate (30 ug/Lane)

Predicted band size: 36.5 kDa  
 Observed band size: 36.5/40 kDa

Exposure time: 5 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32002) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32002**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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