

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)**

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

Product Description	
Host	Rabbit
Gene ID	134
Gene Symbol	ADORA1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Adenosine A1R aa 103-201 / 326. (Uniprot: P30542)

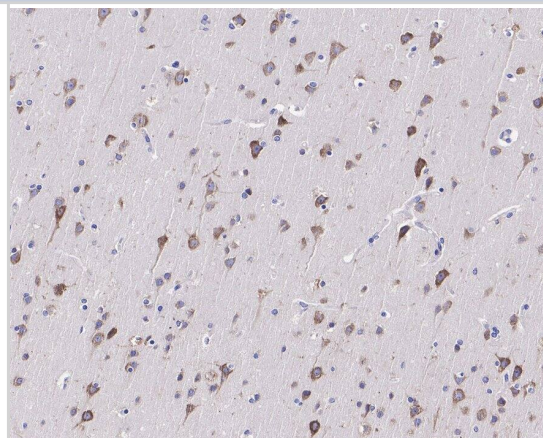
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



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 ddH₂O 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.

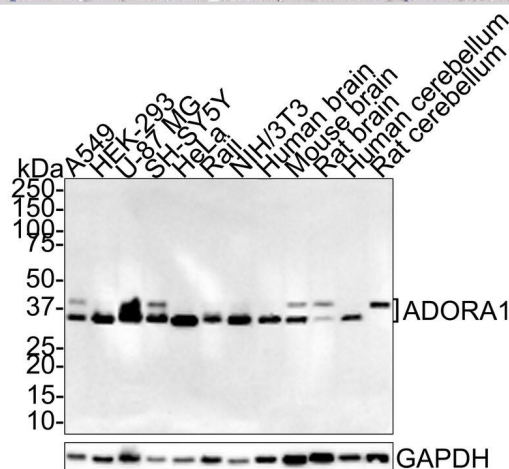
Lane 1: A549 cell lysate (15 ug/Lane)
 Lane 2: HEK-293 cell lysate (15 ug/Lane)
 Lane 3: U-87 MG cell lysate (15 ug/Lane)
 Lane 4: SH-SY5Y cell lysate (15 ug/Lane)
 Lane 5: HeLa cell lysate (15 ug/Lane)
 Lane 6: Raji cell lysate (15 ug/Lane)
 Lane 7: NIH/3T3 cell lysate (15 ug/Lane)
 Lane 8: Human brain 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% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32002) at 1/1,000 dilution was used in 5% NFDm/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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-32002

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-58443PEP	Adenosine A1R Recombinant Protein Antigen

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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