

Product Datasheet

Adenylate Cyclase 3 Antibody (1A12) - BSA Free NBP3-05526-100ul

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-05526-100ul**Adenylate Cyclase 3 Antibody (1A12) - BSA Free**

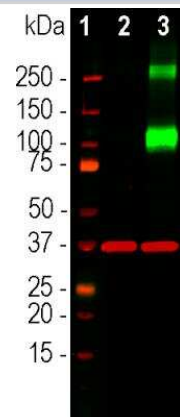
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A12
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	120 kDa

Product Description	
Description	Novus Biologicals Mouse Adenylate Cyclase 3 Antibody (1A12) - BSA Free (NBP3-05526) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	109
Gene Symbol	ADCY3
Species	Human, Mouse, Rat
Immunogen	C-terminal peptide of rat Adenylate Cyclase 3, PAAFPNGSSVTLPHQVVDNP with a Cys added to the N-terminus to allow coupling to KLH.

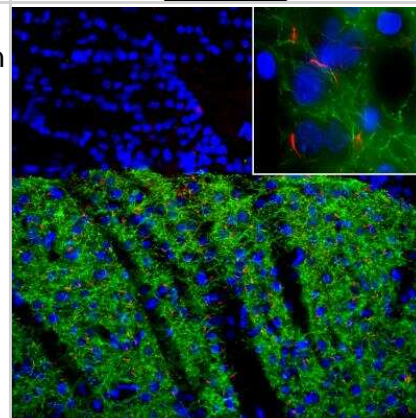
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000

Images

Western Blot: Adenylate Cyclase 3 Antibody [NBP3-05526] - Western blot analysis of HEK293 cell lysates using Adenylate Cyclase 3 Antibody, dilution 1:1,000, in green: [1] protein standard, [2] non-transfected HEK293 cells, and [3] HEK293 cells transfected with a vector encoding Myc-DDK tagged full length human adenylate cyclase 3. The strong band at about 130kDa in transfected cells demonstrates overexpression of the human adenylate cyclase 3 protein, and bands over 250kDa presumably correspond to either heavily glycosolated form of adenylate cyclase 3 or multimeric forms of the protein. The same blot was simultaneously probed with rabbit polyclonal antibody to GAPDH dilution 1:20,000 in red, which reveals the single band at ~37kDa seen in both transfected and non-transfected cells.



Immunocytochemistry/Immunofluorescence: Adenylate Cyclase 3 Antibody [NBP3-05526] - Immunofluorescence of caudate/putamen region of rat brain stained with Adenylate Cyclase 3 Antibody in red, and chicken antibody to tyrosine hydroxylase, in green. The Blue is Hoechst stain revealing nuclei. The Adenylate Cyclase 3 Antibody reveals neuronal cilia while the tyrosine hydroxylase antibody reveals the axons of catecholaminergic neurons.





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Products Related to NBP3-05526-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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