

Product Datasheet

Adenylate Cyclase 3 Antibody - BSA Free NBP3-05527-100ul

Unit Size: 100 ul

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

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Updated 2/26/2025 v.20.1

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NBP3-05527-100ul**Adenylate Cyclase 3 Antibody - 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	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	50% PBS, 50% glycerol. Supplied as concentrated total IgY preparation from egg yolk. Exact concentration of target specific IgY is not quantifiable as the preparation contains both immune IgY specific for the target and also irrelevant, non-immune IgY.
Target Molecular Weight	120 kDa

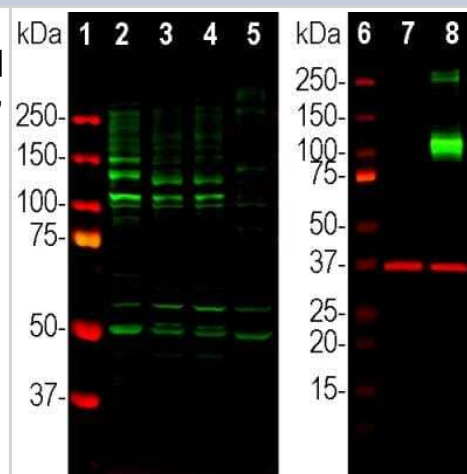
Product Description	
Host	Chicken
Gene ID	109
Gene Symbol	ADCY3
Species	Mouse, Rat
Immunogen	C-terminal peptide of rat Adenylate Cyclase 3, PAAFPNGSSVTLPHQVVDNP with a Cys added to the N-terminus to allow coupling to KLH.
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:5000-1:10000

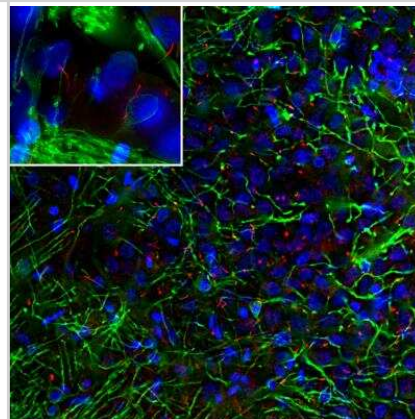


Images

Western Blot: Adenylate Cyclase 3 Antibody [NBP3-05527] - used at a dilution of 1:1,000, in green. [1] protein standard, [2] rat hippocampus, [3] mouse hippocampus, [4] mouse frontal cortex, and [5] cow frontal cortex, [6] protein standard, [7] non-transfected HEK293 cells, and [8] HEK293 cells transfected with DNA expressing Myc-DDK tagged full length human Adenylate Cyclase 3 from the appropriate cDNA. This antibody detects variably glycosylated forms of Adenylate Cyclase 3 protein with apparent molecular weights from ~120kDa and higher. The strong band at about 130kDa demonstrates overexpression of the Adenylate Cyclase 3 protein, and those over 250kDa double band presumably corresponds to heavily glycosylated or aggregated forms of Adenylate Cyclase 3. The same blot was simultaneously probed with mouse monoclonal antibody to GAPDH at a dilution of 1:5,000, in red, which reveals the single GAPDH band at ~37kDa in both transfected and non-transfected cells.



Immunocytochemistry/Immunofluorescence: Adenylate Cyclase 3 Antibody [NBP3-05527] - Immunofluorescence analysis of rat cortex section stained with Adenylate Cyclase 3 Antibody at a dilution of 1:10,000, in red and costained with mouse monoclonal antibody to the myelin and oligodendrocyte marker CNP at a dilution of 1:1,000 in green. The blue is Hoechst staining of nuclear DNA. The Adenylate Cyclase 3 Antibody reveals neuronal cilia while the CNP antibody stains oligodendrocytes and the myelin sheath around axons.





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Products Related to NBP3-05527-100ul

BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
H00000109-Q01-10ug	Recombinant Human Adenylate Cyclase 3 GST (N-Term) Protein
H00010141-P01-10ug	Recombinant Human AC1 GST (N-Term) Protein

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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