

Product Datasheet

Adenylate Cyclase 1 Antibody

NBP1-19628

Unit Size: 0.1 ml

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

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NBP1-19628**Adenylate Cyclase 1 Antibody****Product Information**

Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	130 kDa

Product Description

Host	Rabbit
Gene ID	107
Gene Symbol	ADCY1
Species	Human, Mouse, Rat
Specificity/Sensitivity	A Cyclase I (D252) detects endogenous levels of A Cyclase I protein.
Immunogen	Synthetic peptide, corresponding to amino acids 230-280 of Human ADCY 1.

Product Application Details

Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	Western blot (WB) analysis of A Cyclase I (D252) pAb in extracts from COLO205 cells. Immunohistochemistry (IHC) analyzes of A Cyclase I (D252) pAb in paraffin-embedded human brain tissue. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 25937212)

Publications

Cheng Q, Yakel JL. Activation of alpha7 nicotinic acetylcholine receptors increases intracellular cAMP levels via activation of AC1 in hippocampal neurons. *Neuropharmacology*. [PMID: 25937212] (ICC/IF, Mouse)

Details:

Citation using the DyLight 633 form of this antibody.





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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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