

Product Datasheet

GCH1 Antibody H00002643-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

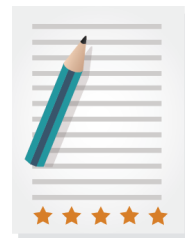
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H00002643-B01P

GCH1 Antibody

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

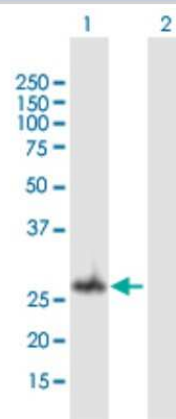
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	2643
Gene Symbol	GCH1
Species	Human
Specificity/Sensitivity	GCH1 - GTP cyclohydrolase 1 (dopa-responsive dystonia),
Immunogen	GCH1 (NP_000152.1, 1 a.a. - 250 a.a.) full-length human protein. MEKGPVRAPAEKPRGARCSNGFPERDPPRPGPSRPAEKPPRPEAKSAQPAD GWKGERPRSEEDNELNLPNLAAAYSSILSSLGENPQRQGLLKTPWRAASAMQ FFTKGYQETISDVLNDAIFDEHDDEMIVVKDIDMFMSCEHHLVPFVGKVVHIGYLP NKQVLGLSKLARIVEIYSRRLQVQERLTKQIAVAITEALRPAGVGVVVEATHMC MVMRGVQKMNSKTVTSTMLGVFREDPKTREEFLTLIRS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It has been used for IF.

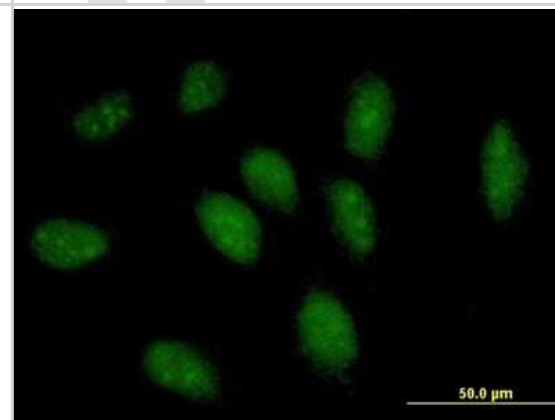


Images

Western Blot: GCH1 Antibody [H00002643-B01P] - Analysis of GCH1 expression in transfected 293T cell line by GCH1 polyclonal antibody. Lane 1: GCH1 transfected lysate(27.5 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: GCH1 Antibody [H00002643-B01P] - Analysis of purified antibody to GCH1 on HeLa cell. (antibody concentration 10 ug/ml)



Publications

Sugiyama T, Levy BD, Michel T. Tetrahydrobiopterin recycling: a key determinant of eNOS-dependent signaling pathways in cultured vascular endothelial cells. J Biol Chem 284(19):12691-700. 2009-05-08 [PMID: 19286667]



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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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