Product Datasheet

PGC-1 beta Antibody - BSA Free
NBP1-28722

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 3

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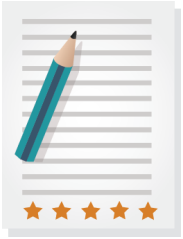
Updated 2/21/2025 v.20.1



NBP1-28722

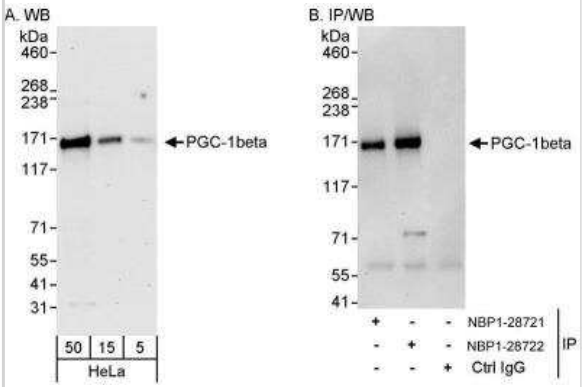
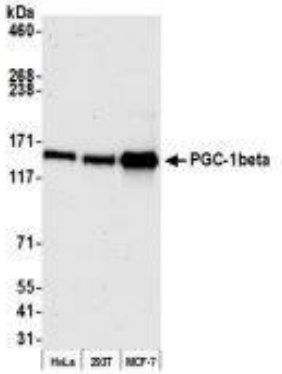
PGC-1 beta Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Host	Rabbit
Gene ID	133522
Gene Symbol	PPARGC1B
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 50 and 100 of human peroxisome proliferator-activated receptor gamma coactivator 1 beta using the numbering given in entry NP_573570.2 (GeneID 133522).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 10 ug/mg lysate

Images

Western Blot: PGC-1 beta Antibody [NBP1-28722] - Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PGC-1beta antibody NBP1-28722 used for WB at 0.4 ug/ml (A) and 1 ug/ml (B) and used for IP at 10 ug/mg lysate. PGC-1beta was also immunoprecipitated by rabbit anti-PGC-1beta antibody NBP1-28721, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).	
Western Blot: PGC-1 beta Antibody [NBP1-28722] - Whole cell lysate (50 ug) from HeLa, HEK293T, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PGC-1beta antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.	

Publications

Stevens DA, Lee Y, Kang HC et al. Parkin loss leads to PARIS-dependent declines in mitochondrial mass and respiration. Proc. Natl. Acad. Sci. U.S.A. 2015-09-15 [PMID: 26324925] (WB, Human)
Kammerer M, Gutzwiller S, Stauffer D et al. Estrogen Receptor alpha (ERalpha) and Estrogen Related Receptor alpha (ERRalpha) are both transcriptional regulators of the Runx2-I isoform. Mol Cell Endocrinol 2013-02-08 [PMID: 23403054] (WB, Human)
Liu Y, Zhou D, Zhang F et al. Liver Patt1 deficiency protects male mice from Age-associated but not high-fat diet-induced hepatic steatosis. Journal of Lipid Research. 2012-01-09 [PMID: 22231784]

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 NBP1-28722

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DRP300	Adiponectin/Acrp30 [HRP]

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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