

# 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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**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)

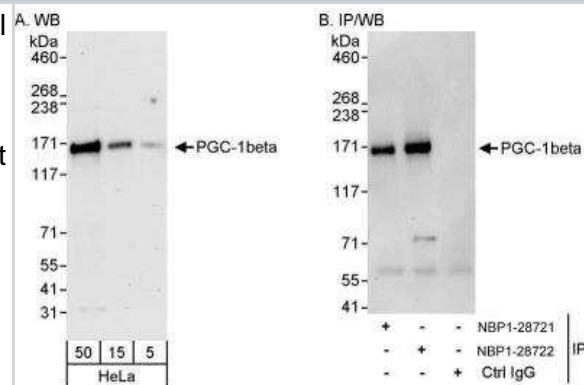
Product Description	
Description	Novus Biologicals Rabbit PGC-1 beta Antibody - BSA Free (NBP1-28722) is a polyclonal antibody validated for use in WB and IP. Anti-PGC-1 beta Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	133522
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

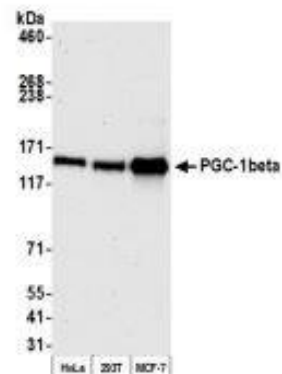


## Images

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]



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### **Products Related to NBP1-28722**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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