

Product Datasheet

Rabbit IgG Isotype Control

NB810-56910-10mg

Unit Size: 10 mg

Store at 4C.

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NB810-56910-10mg

Rabbit IgG Isotype Control

Product Information

Unit Size	10 mg
Concentration	5 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Ion exchange chromatography
Buffer	PBS.

Product Description

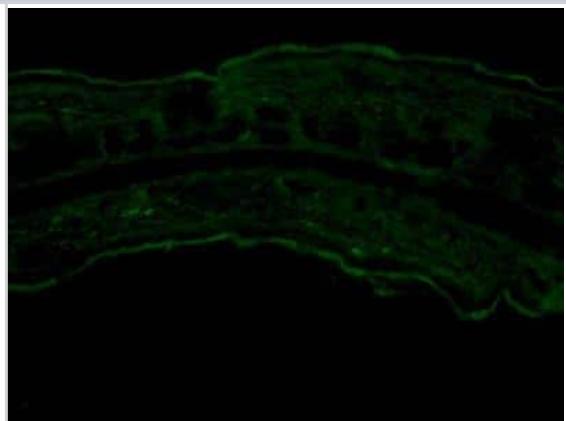
Description	This Rabbit IgG immunoglobulin is useful as an isotype control for Rabbit IgG antibody.
Host	Rabbit
Gene ID	3500
Gene Symbol	IGHG1
Species	Rabbit
Specificity/Sensitivity	By immunoelectrophoresis the IgG was shown to 1) react with antiserum specific for rabbit IgG, 2) not react with antiserum specific for IgA or IgM, and 3) produce a single precipitin arc with antiserum against rabbit serum identical to that produced with anti-IgG antisera.
Notes	Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	IP usage was reported in scientific literature (PMID: 23872598). ChIP usage was reported in scientific literature (PMID: 24324133). Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined. Use in IHC reported in scientific publication PMID: 32736983

Images

Immunohistochemistry-Frozen: Rabbit IgG Isotype Control [NB810-56910] - Mouse ear skin (acetone-fixed frozen section) stained with rabbit IgG isotype control, which was used as a negative control. Image from verified customer review.



Immunohistochemistry-Frozen: Rabbit IgG Isotype Control [NB810-56910] - Mouse ear skin (acetone-fixed frozen section) stained with rabbit IgG isotype control, which was used as a negative control. Image from verified customer review.



Publications

Molina-Serrano D, Schiza V, Demosthenous C et al. Loss of Nat4 and its associated histone H4 N-terminal acetylation mediates calorie restriction-induced longevity *EMBO reports* 2016-12-01 [PMID: 27799288]

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Xie L, Dong P, Qi Y et al. BRD2 compartmentalizes the accessible genome *Nature Genetics* 2022-04-11 [PMID: 35410381]

Cinato M, Mardani I, Miljanovic A et al. Cardiac Plin5 interacts with SERCA2 and promotes calcium handling and cardiomyocyte contractility *Life Science Alliance* 2023-04-01 [PMID: 36717246]

Shakya B, Patel SD, Tani Y, Egan ES. Erythrocyte CD55 mediates the internalization of *Plasmodium falciparum* parasites *eLife* 2021-05-24 [PMID: 34028351]

Marta Zaninello, Tim Schlegel, Hendrik Nolte, Mujeeb Pirzada, Elisa Savino, Esther Barth, Ines Klein, Hauke Wüstenberg, Tesmin Uddin, Lisa Wolff, Brunhilde Wirth, Helmar C. Lehmann, Jean-Michel Cioni, Thomas Langer, Elena I. Rugarli CLUH maintains functional mitochondria and translation in motoneuronal axons and prevents peripheral neuropathy *Science Advances* 2024-05-31 [PMID: 38809982]

Anni Suominen, Guillem Saldo Rubio, Saku Ruohonen, Zoltán Szabó, Lotta Pohjolainen, Bishwa Ghimire, Suvi T Ruohonen, Karla Saukkonen, Jani Ijas, Sini Skarp, Leena Kaikkonen, Minying Cai, Sharon L Wardlaw, Heikki Ruskoaho, Virpi Talman, Eriika Savontaus, Risto Kerkelä, Petteri Rinne α -Melanocyte-stimulating hormone alleviates pathological cardiac remodeling via melanocortin 5 receptor. *EMBO reports* 2024-04-15 [PMID: 38454158]

Perr J, Langen A, Almahayni K et al. RNA binding proteins and glycoRNAs form domains on the cell surface for cell penetrating peptide entry *bioRxiv* 2023-09-05 (FLOW)

Porman AM, Roberts JT, Duncan ED et al. A single N6-methyladenosine site regulates lncRNA HOTAIR function in breast cancer cells *PLoS biology* 2022-11-28 [PMID: 36441764] (IP)

Jankovicová J, Secová P, Horovská L et al. Distribution of tetraspanins in bovine ovarian tissue and fresh/vitrified oocytes *Histochemistry and cell biology* 2022-10-15 [PMID: 36242635]

McKernan CM, Khatri A, Hannigan M et al. ABL kinases regulate translation in HER2+ cells through Y-box-binding protein 1 to facilitate colonization of the brain *Cell reports* 2022-08-30 [PMID: 36044842] (IP, Rabbit)

Le NPK, do Nascimento AF, Schneberger D et al. Deficiency of leukocyte-specific protein 1 (LSP1) alleviates asthmatic inflammation in a mouse model *Respiratory research* 2022-06-22 [PMID: 35733161] (IF/IHC)

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