

Product Datasheet

Glucokinase/GCK Antibody

NBP1-33144

Unit Size: 100 ul

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

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NBP1-33144**Glucokinase/GCK Antibody****Product Information**

Unit Size	100 ul
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	0.025% Proclin 300
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 1% BSA, 20% Glycerol (pH7).
Target Molecular Weight	52 kDa

Product Description

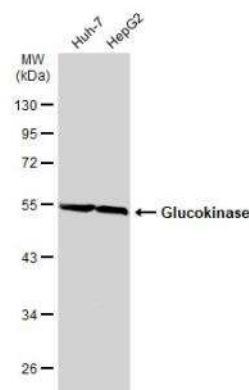
Host	Rabbit
Gene ID	2645
Gene Symbol	GCK
Species	Human
Reactivity Notes	Cat (96%), Zebrafish (86%), Xenopus laevis (87%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Glucokinase. The exact sequence is proprietary.

Product Application Details

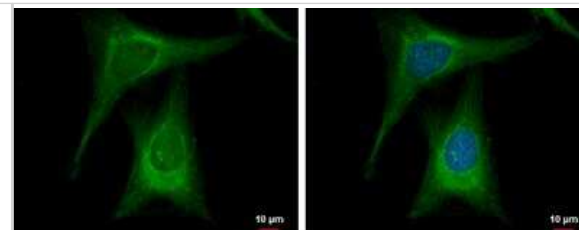
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

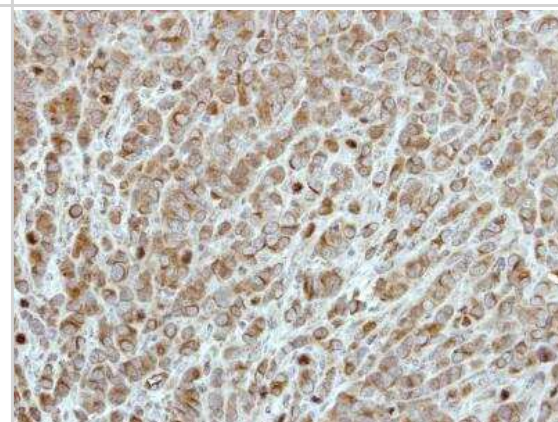
Western Blot: Glucokinase/GCK Antibody [NBP1-33144] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Glucokinase antibody [N1C1-2] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



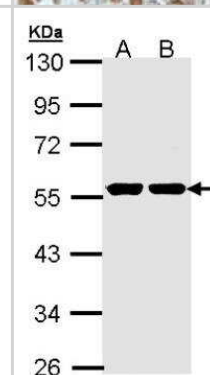
Immunocytochemistry/Immunofluorescence: Glucokinase/GCK Antibody [NBP1-33144] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Glucokinase protein stained by Glucokinase antibody [N1C1-2] diluted at 1:500. Blue: Hoechst 33342 staining.



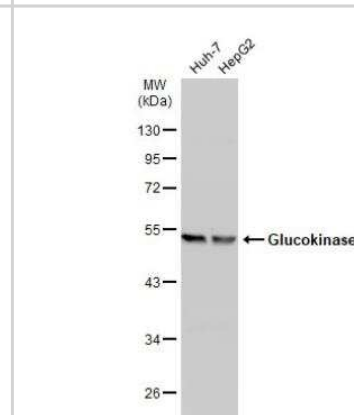
Immunohistochemistry-Paraffin: Glucokinase/GCK Antibody [NBP1-33144] - MCF7 xenograft, using Glucokinase antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



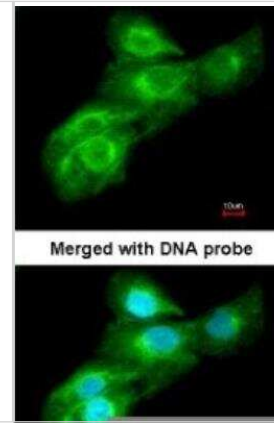
Western Blot: Glucokinase/GCK Antibody [NBP1-33144] - Sample (30 ug of whole cell lysate) A: H1299 B: Hela 10% SDS PAGE; antibody diluted at 1:1000.



Western Blot: Glucokinase/GCK Antibody [NBP1-33144] - MCF7 xenograft, using Glucokinase antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunocytochemistry/Immunofluorescence: Glucokinase/GCK Antibody [NBP1-33144] - Paraformaldehyde-fixed A549, using antibody at 1:200 dilution.



Publications

Tripathi R, Banerjee SK, Nirala JP, Mathur R Simultaneous exposure to electromagnetic field from mobile phone and unimpeded fructose drinking during pre-, peri-, and post-pubertal stages perturbs the hypothalamic and hepatic regulation of energy homeostasis by early adulthood: experimental evidence Environmental science and pollution research international 2021-09-02 [PMID: 34476698]



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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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