

Product Datasheet

FGF-21 Antibody - BSA Free

NBP1-59291-0.1ml

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-59291-0.1ml

FGF-21 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	19 kDa

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	26291
Gene Symbol	FGF21
Species	Human
Immunogen	Synthetic peptides corresponding to FGF21(fibroblast growth factor 21) The peptide sequence was selected from the N terminal of FGF21 (NP_061986). Peptide sequence DSDETGFHSGWLWVSVLAGLLLGACQAHPIPDSSPLLQFGGQVRQRYLYT.

Product Application Details

Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.2-1 ug/ml, Simple Western 1:100, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: antibody dilution of 1:100. Separated by Size-Wes, Sally Sue/Peggy Sue.

Publications

Kang SG, Lee SE, Choi MJ et al. Th2 Cytokines Increase the Expression of Fibroblast Growth Factor 21 in the Liver Cells 2021-05-24 [PMID: 34073755] (Block/Neutralize)

Makela Johanna, Tselykh Timofey V, Maiorana Francesca et al. Fibroblast growth factor-21 enhances mitochondrial functions and increases the activity of PGC-1a in human dopaminergic neurons via Sirtuin-1. Springerplus 2014-01-01 [PMID: 25932355] (WB, Human)

Crooks DR, Natarajan TG, Jeong SY et al. Elevated FGF21 secretion, PGC-1alpha and ketogenic enzyme expression are hallmarks of iron-sulfur cluster depletion in human skeletal muscle. Hum Mol Genet. 2013-09-07 [PMID: 23943793] (WB, Human)





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Products Related to NBP1-59291-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-35194-5ug	Recombinant Rat FGF-21 Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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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