BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-GDF15 Antibody

Catalog Number: M01583

About GDF15

Regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099, PubMed:23468844, PubMed:29046435). Binds to its receptor, GFRAL, and activates GFRAL-expressing neurons localized in the area postrema and nucleus tractus solitarius of the brainstem (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099). It then triggers the activation of neurons localized within the parabrachial nucleus and central amygdala, which contitutes part of the 'emergency circuit' that shapes feeding responses to stressful conditions (PubMed:28953886). On hepatocytes, inhibits growth hormone signaling (By similarity).

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Overview

Product Name	Anti-GDF15 Antibody
Reactive Species	Human
Description	Boster Bio Anti-GDF15 Antibody (Catalog # M01583). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2182CT228.18.8
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q99988

Technical Details

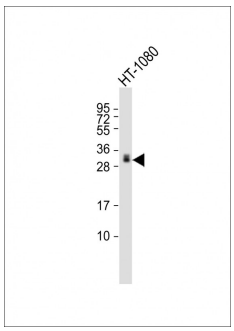
Immunogen	This GDF15 antibody is generated from a mouse immunized with a recombinant protein from the human GDF15.
Predicted Reactive Species	Human

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Isotype	IgG1,kappa
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:4000 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-GDF15 Antibody (M01583) Images



Anti-GDF15 Antibody at 1:4000 dilution + HT-1080 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-GDF15 Antibody

For Research Use Only. Not for use in diagnostic procedures.