

Anti-GPR137 Antibody

Catalog Number: A13534-2

About GPR137

Predicted to be involved in several processes, including negative regulation of bone resorption; negative regulation of osteoclast differentiation; and positive regulation of TORC1 signaling. Located in lysosomal membrane.

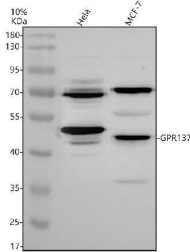
Overview

Product Name	Anti-GPR137 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GPR137 Antibody catalog # A13534-2. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q96N19

Technical Details

Immunogen	E.coli-derived human GPR137 recombinant protein (Position: K123-T393).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ELISA, 1:100-1000

Anti-GPR137 Antibody (A13534-2) Images



Western blot analysis of GPR137 using anti-GPR137 antibody (A13534-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HeLa whole cell lysates, Lane 2: human MCF-7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GPR137 antigen affinity purified polyclonal antibody (A13534-2) at 1:1000 overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for GPR137 at approximately 46 kDa. The expected band size for GPR137 is at 46 kDa.

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Anti-GPR137 Antibody

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