

Anti-MC5R Antibody Picoband®

Catalog Number: A07019-3

About MC5R

Predicted to enable hormone binding activity and melanocortin receptor activity. Predicted to be involved in adenylate cyclase-activating G protein-coupled receptor signaling pathway and regulation of metabolic process. Predicted to be active in cytoplasm and plasma membrane. Is expressed in skin. Orthologous to human MC5R (melanocortin 5 receptor).

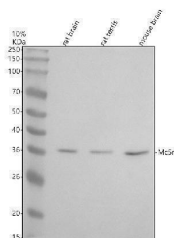
Overview

Product Name	Anti-MC5R Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-MC5R Antibody Picoband® catalog # A07019-3. Tested in WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P41149

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse MC5R. Mouse MC5R shares 95.5% amino acid (aa) sequence identity with both human and rat MC5R.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Mouse, Rat

Anti-MC5R Antibody Picoband® (A07019-3) Images



Western blot analysis of MC5R using anti-MC5R antibody (A07019-3). 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: rat brain tissue lysates, Lane 2: rat testis tissue lysates, Lane 3: mouse brain tissue 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-MC5R antigen affinity purified polyclonal antibody (A07019-3) at 0.5 ug/mL 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 MC5R at approximately 37 kDa. The expected band size for MC5R is at 37 kDa.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-MC5R Antibody

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