

Anti-ApoER2 Monoclonal Antibody

Catalog Number: M03444

About LRP8

Receptor for bradykinin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Overview

Product Name	Anti-ApoER2 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ApoER2 Monoclonal Antibody catalog # M03444. Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, WB
Clonality	Monoclonal ACFH-12
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14114

Technical Details

Immunogen	A synthesized peptide derived from human ApoER2
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000 IP 1:50

Anti-ApoER2 Monoclonal Antibody (M03444) Images

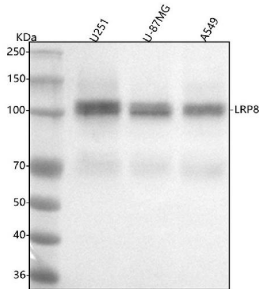


Figure 1. Western blot analysis of ApoER2 using anti-ApoER2 antibody (M03444).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human U251 whole cell lysates,

Lane 2: human U-87MG whole cell lysates,

Lane 3: human A549 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-

ApoER2 antigen affinity purified monoclonal antibody

(Catalog # M03444) at 1:500 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

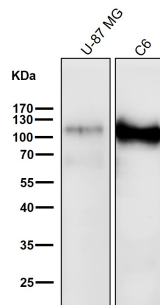
at a dilution of 1:500 for 1.5 hour at RT. The signal is

developed using an Enhanced Chemiluminescent detection

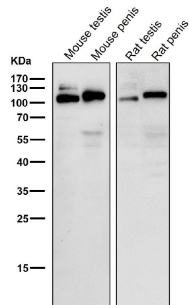
(ECL) kit (Catalog # EK1002) with Tanon 5200 system. A

specific band was detected for ApoER2 at approximately 106

kDa. The expected band size for ApoER2 is at 106 kDa.

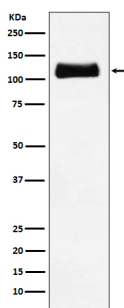


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

Western blot analysis of ApoER2 expression in C6 cell lysate.



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