

Anti-AGTR2/Angiotensin II Type 2 Receptor Rabbit Monoclonal Antibody

Catalog Number: M00432

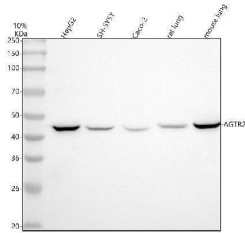
Overview

Product Name	Anti-AGTR2/Angiotensin II Type 2 Receptor Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-AGTR2/Angiotensin II Type 2 Receptor Rabbit Monoclonal Antibody catalog # M00432. Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, WB
Clonality	Monoclonal FIO-1
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide 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	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	P50052

Technical Details

Immunogen	A synthesized peptide derived from human AGTR2
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IP 1:20

Anti-AGTR2/Angiotensin II Type 2 Receptor Rabbit Monoclonal Antibody (M00432) Images



Western blot analysis of AGTR2 using anti-AGTR2 antibody (M00432). 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 HepG2 whole cell lysates, Lane 2: human SH-SY5Y whole cell lysates, Lane 3: human Caco-2 whole cell lysates, Lane 4: rat lung tissue lysates, Lane 5: mouse lung 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-AGTR2 antigen affinity purified monoclonal antibody (M00432) 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 AGTR2 at approximately 45 kDa. The expected band size for AGTR2 is at 41 kDa.

2 Publications Citing This Product

1. PubMed ID: 10.1042/CS20200514, Antiepileptic effects of long-term intracerebroventricular infusion of angiotensin-(1-7) in an animal model of temporal lobe epilepsy
2. PubMed ID: 10.1002/jcp.29862, Effect of angiotensin II and angiotensin β (1-7) on proliferation of stem cells from human dental apical papilla

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