

Anti-ADIPOR1 Rabbit Monoclonal Antibody

Catalog Number: M01869

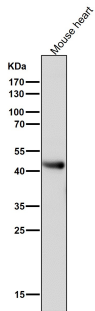
Overview

Product Name	Anti-ADIPOR1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ADIPOR1 Rabbit Monoclonal Antibody catalog # M01869. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal FIH-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	Q96A54

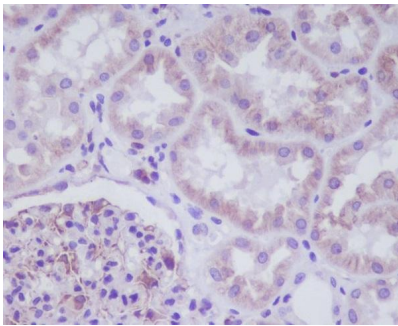
Technical Details

Immunogen	A synthesized peptide derived from human ADIPOR1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 FC 1:20

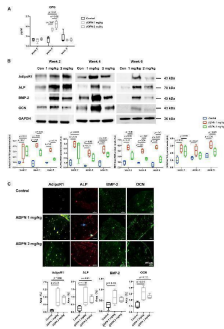
Anti-ADIPOR1 Rabbit Monoclonal Antibody (M01869) Images



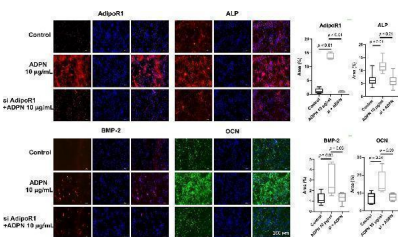
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human kidney, using ADIPOR1 Antibody.

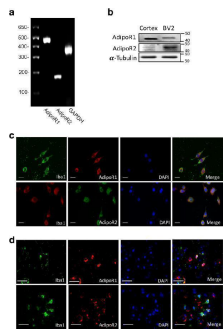


Mechanisms for local medulla injection of ADPN promoting bone healing. (A) Serum Osteoprotegerin (OPG) levels at weeks 2, 4, and 6. (B) WB analysis of alkaline phosphatase (ALP), bone morphogenetic protein 2 (BMP-2), osteocalcin (OCN), and adiponectin receptor 1 (AdipoR1) expressions with corresponding quantification, (C) Immunofluorescent staining of ALP, OCN, BMP-2, and AdipoR1 in G2 (ADPN 1 mg/kg) and G3 (ADPN 2 mg/kg), and the corresponding quantification, n = 5. The white arrow indicates the periosteum, and the blue arrow indicates the lacuna, scale bar = 100 um. Index in PubMed under a CC BY license. PMID: 34790669

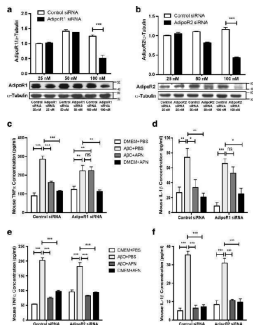


The immunofluorescent staining of ALP, OCN, BMP-2, and AdipoR1 on BMSCs with ADPN 10 ug/ml and AdipoR1 siRNA + ADPN 10 ug/ml, and the corresponding quantification, scale bar = 100 um. Index in PubMed under a CC BY license. PMID: 34790669

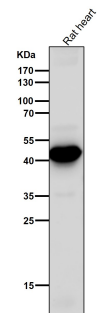
Expression of AdipoR1 and AdipoR2 in BV2 cells and microglia in mice brain. a RT-PCR analysis of AdipoR1 and AdipoR2 in BV2 cells. b Western blot analysis of AdipoR1 and AdipoR2 expression in BV2 cells. Expression of AdipoR1 and AdipoR2 from cerebral cortex homogenates was used as a positive control. alpha-Tubulin was used as a loading control. c , d Co-immunocytochemistry staining of microglia (Iba1) and AdipoR1 or AdipoR2 in BV2 cells and microglia in the



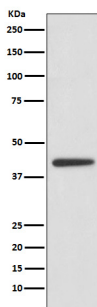
cortex of WT mice. Scale bar 50 um Index in PubMed under a CC BY license. PMID: 31128596



APN suppressed AbetaO-induced proinflammatory cytokine release in BV2 cells via AdipoR1. a , b Representative Western blot analysis of AdipoR1 and AdipoR2. BV2 cells were transfected with control siRNA, AdipoR1 siRNA, or AdipoR2 siRNA in a concentration-dependent manner (25, 50, 100 nM). c , d ELISA assays of TNFalpha and IL-1beta were conducted after knockdown of AdipoR1. e , f ELISA assays of TNFalpha and IL-1beta were conducted after knockdown of AdipoR2. Data were presented as the mean \pm SEM for at least three independent experiments, and each performed in duplicates (n = 3). Two-way ANOVA with Tukey's multiple comparison test revealed a difference between groups . *p



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



Western blot analysis of ADIPOR1 expression in Human heart lysate.

1 Publications Citing This Product

1. PubMed ID: -, Mehrdoost, S., Yaghmaei, P., Jafary, H., Ebrahim-Habibi, A. (2021). The therapeutic effects of berberine plus sitagliptin in a rat model of fatty liver disease. Iranian Journal of Basic Medical Sciences, 24(4), 451-459. doi: 10.22038/ijbms.2021.52239.11822

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