

ARG41719 anti-RRAD antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RRAD
Tested Reactivity	Ms
Predict Reactivity	Hu, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RRAD
Species	Human
Immunogen	Synthetic peptide around the internal region of Human RRAD. (NP_004156.1) (C-HRRSMPVDERDLQ)
Conjugation	Un-conjugated
Alternate Names	RAD; REM3; GTP-binding protein RAD; RAD1; Ras associated with diabetes

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

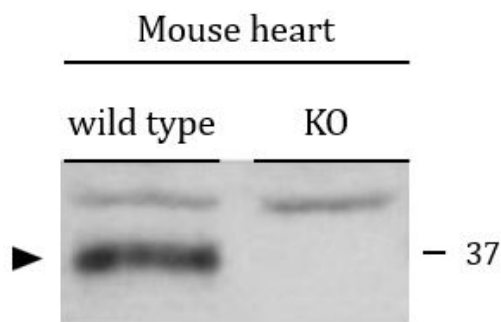
Properties

Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	RRAD
Gene Full Name	Ras-related associated with diabetes
Function	May play an important role in cardiac antiarrhythmia via the strong suppression of voltage-gated L-type Ca(2+) currents. Regulates voltage-dependent L-type calcium channel subunit alpha-1C trafficking to the cell membrane (By similarity). Inhibits cardiac hypertrophy through the calmodulin-dependent kinase II (CaMKII) pathway. Inhibits phosphorylation and activation of CAMK2D. [UniProt]
Calculated Mw	33 kDa
Cellular Localization	Cell membrane. [UniProt]

Images



ARG41719 anti-RRAD antibody WB image

Western blot: 100 µg of WT and KO lysates of Mouse heart stained with ARG41719 anti-RRAD antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.