

For Research Use Only

# RRAD Polyclonal antibody

Catalog Number: 27763-1-AP

Featured Product



## Basic Information

Catalog Number:

27763-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26869

GenBank Accession Number:

BC057815

GeneID (NCBI):

6236

UNIPROT ID:

P55042

Full Name:

Ras-related associated with diabetes

Calculated MW:

33 kDa

Observed MW:

29-34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse heart tissue, SKOV-3 cells, rat heart tissue

## Background Information

RRAD is also named as RAD1. RRAD, a member of the Ras-like small GTPase family, was initially identified as a gene associated with Type II diabetes since it was found to be overexpressed in some Type II diabetic patients (PMID: 8248782). RRAD overexpression reduced insulin-stimulated glucose uptake in cultured muscle and adipocytes cells (PMID: 8798502). RRAD was found to be frequently down-regulated in different types of human cancers, including lung cancer, breast cancer, and nasopharyngeal carcinoma, etc, due to the hypermethylation of its promoter (PMID: 17195088).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

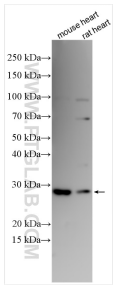
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

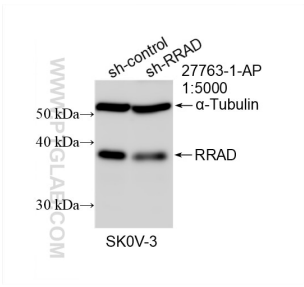
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27763-1-AP (RRAD antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of RRAD antibody (27763-1-AP; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RRAD transfected SKOV-3 cells.