

For Research Use Only

RRAS2 Polyclonal antibody

Catalog Number: 12530-1-AP

4 Publications



Basic Information

Catalog Number:

12530-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3226

GenBank Accession Number:

BC013106

GeneID (NCBI):

22800

UNIPROT ID:

P62070

Full Name:

related RAS viral (r-ras) oncogene homolog 2

Calculated MW:

204 aa, 23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, monkey

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : NIH/3T3 cells, mouse pancreas tissue

IP : NIH/3T3 cells,

IHC : mouse heart tissue, human heart tissue, human lung cancer tissue

IF/ICC : A431 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Guoying Dong	25217873	Fertil Steril	WB
Ping Liu	34215846	Cell Death Differ	WB
Sara Manore	39768178	Cells	WB

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

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

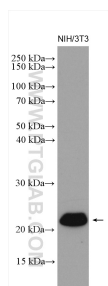
T: 4006900926

E: Proteintech-CN@ptglab.com

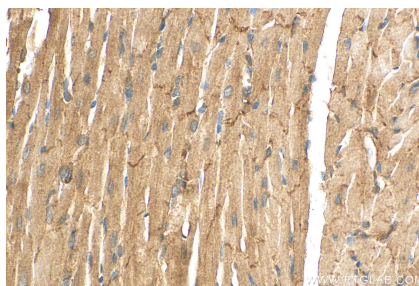
W: ptgcn.com

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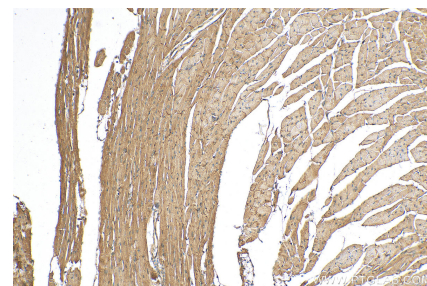
Selected Validation Data



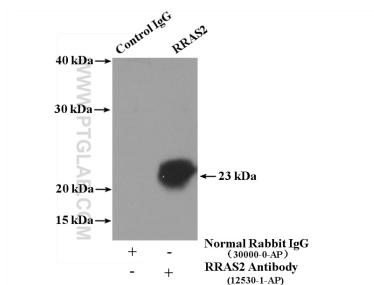
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 12530-1-AP (RRAS2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



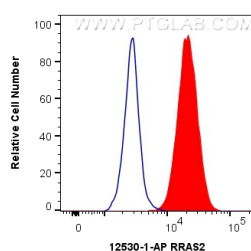
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 12530-1-AP (RRAS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



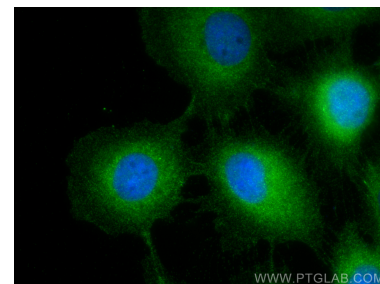
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 12530-1-AP (RRAS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-RRAS2 (IP:12530-1-AP, 4ug; Detection:12530-1-AP 1:800) with NIH/3T3 cells lysate 4000ug.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug Anti-Human RRAS2 (12530-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using RRAS2 antibody (12530-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).