

For Research Use Only

RRAS2 Polyclonal antibody

Catalog Number: 12530-1-AP **3 Publications**



Basic Information

Catalog Number: 12530-1-AP	GenBank Accession Number: BC013106	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 22800	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: related RAS viral (r-ras) oncogene homolog 2	IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG	Calculated MW: 204 aa, 23 kDa	
Immunogen Catalog Number: AG3226	Observed MW: 23 kDa	

Applications

Tested Applications:
FC, IF, IHC, IP, WB, 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: A431 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Guoying Dong	25217873	Fertil Steril	WB
Ping Liu	34215846	Cell Death Differ	WB
Hana Nůsková	37495107	J Biol Chem	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

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

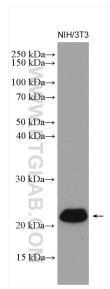
For technical support and original validation data for this product please contact:

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

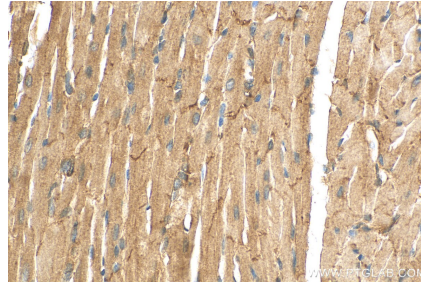
E: proteintech@ptglab.com
W: ptglab.com

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

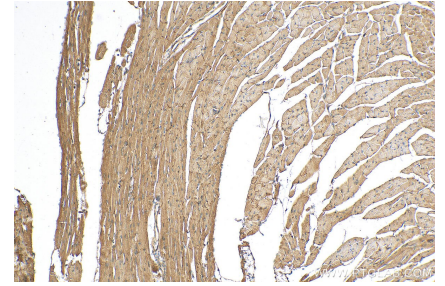
Selected Validation Data



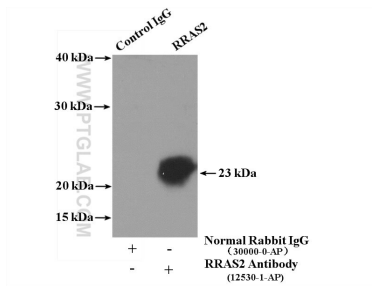
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 12530-1-AP (RRAS2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



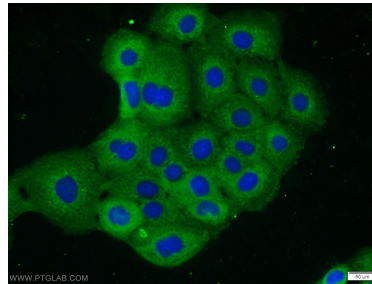
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 12530-1-AP (RRAS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



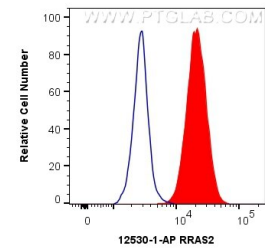
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 12530-1-AP (RRAS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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



Immunofluorescent analysis of A431 cells using 12530-1-AP (RRAS2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 A431 cells were intracellularly stained with 0.4 ug Anti-Human RRAS2 (12530-1-AP) and CoraLite®488-Conjugated AffiniPure 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).