

For Research Use Only

RRAGD Polyclonal antibody, PBS Only

Catalog Number:15315-1-PBS



Basic Information

Catalog Number:

15315-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7557

GenBank Accession Number:

BC003088

GeneID (NCBI):

58528

UNIPROT ID:

Q9NQL2

Full Name:

Ras-related GTP binding D

Calculated MW:

46 kDa

Observed MW:

46-50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Ras-related GTP-binding protein D (RRAGD) is a monomeric GTP or GDP binding protein, which plays a critical role in mediating amino acid stimulated mTOR signaling pathway, a key pathway in determination of cell growth and proliferation rate. Recently, RRAGD has been reported involving the progression of ovarian cancer and colon cancer.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

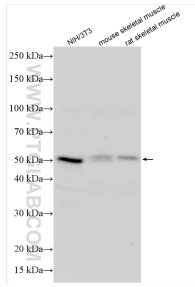
For technical support and original validation data for this product please contact:

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

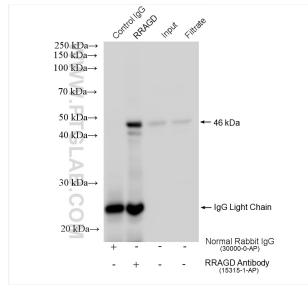
E: proteintech@ptglab.com
W: ptglab.com

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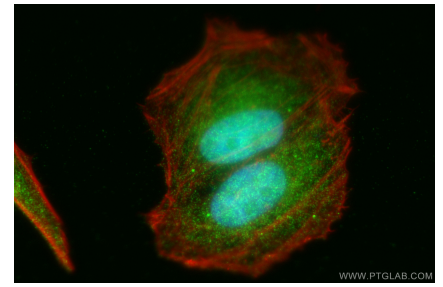
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15315-1-AP (RRAGD antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15315-1-PBS in a different storage buffer formulation.



IP result of anti-RRAGD (IP:15315-1-AP, 4ug; Detection:15315-1-AP 1:500) with NIH/3T3 cells lysate 1120 ug. This data was developed using the same antibody clone with 15315-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RRAGD antibody (15315-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 15315-1-PBS in a different storage buffer formulation.