

For Research Use Only

RIOK3 Polyclonal antibody, PBS Only

Catalog Number: 13593-1-PBS

Featured Product



Basic Information

Catalog Number:

13593-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4497

GenBank Accession Number:

BC039729

GeneID (NCBI):

8780

UNIPROT ID:

O14730

Full Name:

RIO kinase 3 (yeast)

Calculated MW:

516 aa, 60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RIOK3(Serine/threonine-protein kinase RIO3) is initially characterized as a homolog of *Aspergillus nidulans* sudD and showed down-regulation at the invasive front of malignant melanomas. On Western blots, human RIOK3 migrated as a 60-kD protein. Northern blot analysis indicated that the approximately 4-kb RIOK3 mRNA is expressed widely in human tissues, with additional smaller transcripts present in testis.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

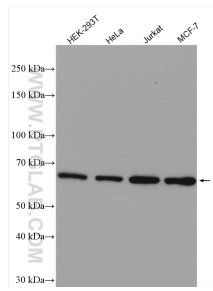
For technical support and original validation data for this product please contact:

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

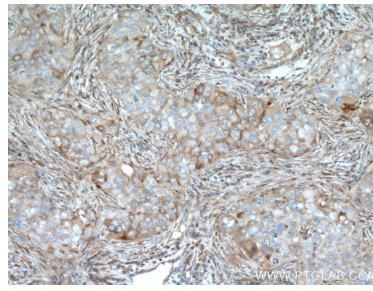
E: proteintech@ptglab.com
W: ptglab.com

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

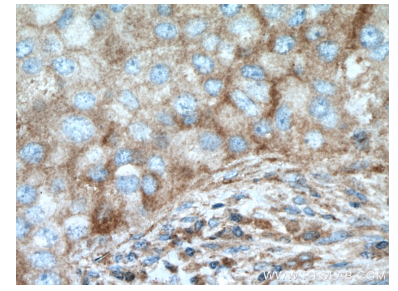
Selected Validation Data



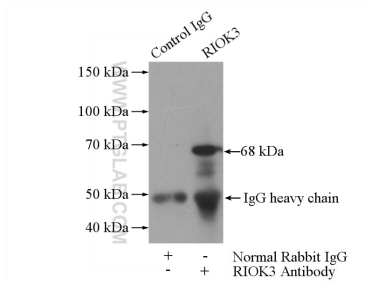
Various lysates were subjected to SDS PAGE followed by western blot with 13593-1-AP (RIOK3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13593-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13593-1-AP (RIOK3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)). This data was developed using the same antibody clone with 13593-1-PBS in a different storage buffer formulation.



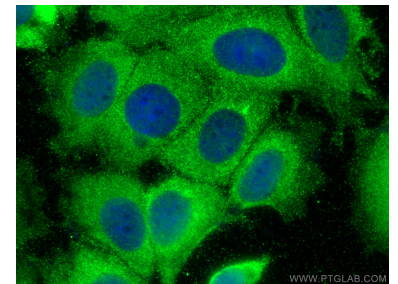
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13593-1-AP (RIOK3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)). This data was developed using the same antibody clone with 13593-1-PBS in a different storage buffer formulation.



IP result of anti-RIOK3 (IP:13593-1-AP, 4ug; Detection:13593-1-AP 1:600) with mouse testis tissue lysate 4000ug. This data was developed using the same antibody clone with 13593-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using RIOK3 antibody (13593-1-AP) at dilution of 1:200 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 13593-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using RIOK3 antibody (13593-1-AP) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 13593-1-PBS in a different storage buffer formulation.