

For Research Use Only

# RNF216 Polyclonal antibody

Catalog Number: 10185-1-AP

1 Publications



## Basic Information

Catalog Number:

10185-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0238

GenBank Accession Number:

BC000787

GeneID (NCBI):

54476

UNIPROT ID:

Q9NWF9

Full Name:

ring finger protein 216

Calculated MW:

48 kDa

Observed MW:

57 kDa, 90-99 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse heart tissue, U2OS cells, SW480 cells, mouse kidney tissue, rat heart tissue

IP : SW480 cells,

IF/ICC : A431 cells,

## Background Information

RNF216/TRIAD3 is an RBR (RING-between-RING) E3 ligase that encodes for multiple isoforms that include TRIAD3A, TRIAD3B, TRIAD3C and TRIAD3D/E. RNF216 is a broadly expressed RBR E3 ligase, and loss-of-function mutations in RNF216 are linked to the neurodegenerative conditions Gordon-Holmes syndrome (GHS) and Huntington-like disorders (PMID: 34998453, 35620441). RNF216 has three different molecular weights, 99 kDa, 106 kDa and 57 kDa, respectively.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jian Zhang	33439503	J Cell Mol Med	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:

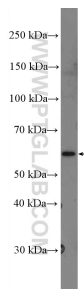
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

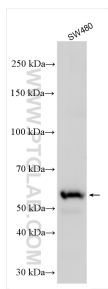
W: [ptgcn.com](http://ptgcn.com)

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

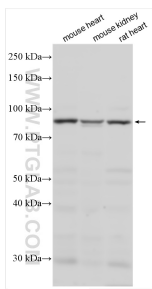
Selected Validation Data



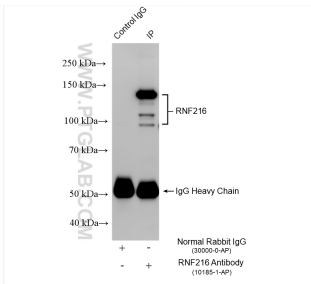
U2OS cells were subjected to SDS PAGE followed by western blot with 10185-1-AP (RNF216 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



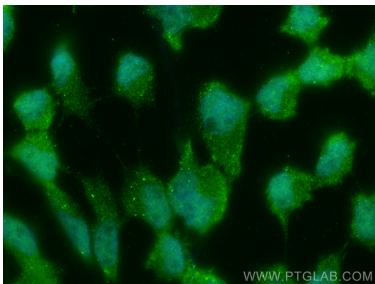
SW480 cells were subjected to SDS PAGE followed by western blot with 10185-1-AP (RNF216 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 10185-1-AP (RNF216 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-RNF216 (IP:10185-1-AP, 4ug; Detection:10185-1-AP 1:1000) with SW480 cells lysate 1280 ug.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using RNF216 antibody (10185-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).