

For Research Use Only

# RNF216 Polyclonal antibody

Catalog Number: 10185-1-AP

1 Publications



## Basic Information

Catalog Number:

10185-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

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 ug 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

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

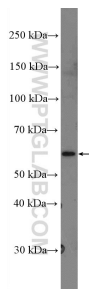
For technical support and original validation data for this product please contact:

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

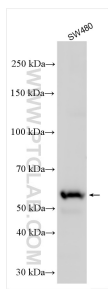
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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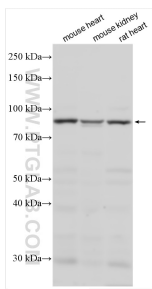
Selected Validation Data



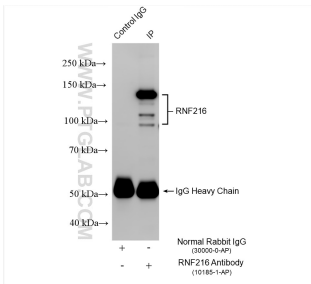
U2OS cells were subjected to SDS PAGE followed by western blot with 10185-1-AP (RNF216 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



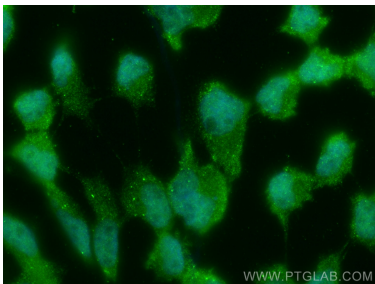
SW480 cells were subjected to SDS PAGE followed by western blot with 10185-1-AP (RNF216 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L) (SA00013-2).