

For Research Use Only

VIRMA/KIAA1429 Polyclonal antibody

Catalog Number: 25712-1-AP

Featured Product

24 Publications



Basic Information

Catalog Number:

25712-1-AP

Concentration:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22449

GenBank Accession Number:

BC113380

GeneID (NCBI):

25962

UNIPROT ID:

Q69YN4

Full Name:

KIAA1429

Calculated MW:

1812 aa, 202 kDa

Observed MW:

200-210 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, rat

Cited Species:

human, mouse

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 : PC-3 cells, SKOV-3 cells, MDA-MB-231 cells

IP : MCF-7 cells,

IHC : human breast cancer tissue, human liver cancer tissue, rat testis tissue

IF/ICC : MCF-7 cells,

Background Information

VIRMA (KIAA1429) is a key component of m6A methyltransferase (writer) complex that include METTL3, METTL14, WTAP, VIRMA, HAKAI, ZC3H13, and RBM15. VIRMA mediates methylation in the 3'UTR and around the stop codon, thus affecting alternative polyadenylation. VIRMA has been reported to act as oncogenic factor in breast cancer and liver cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Simon Lesbirel	30218090	Sci Rep	WB, CoIP
Fanhua Kong	36434140	Discov Oncol	WB
Minqi Xia	36389678	Front Immunol	IHC

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:

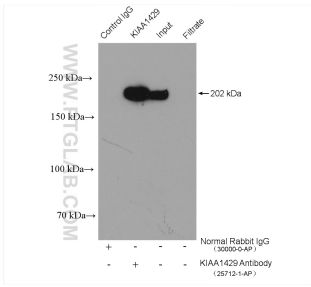
T: 4006900926

E: Proteintech-CN@ptglab.com

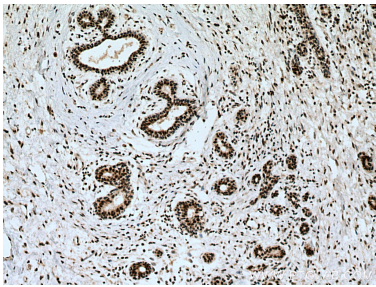
W: ptgcn.com

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

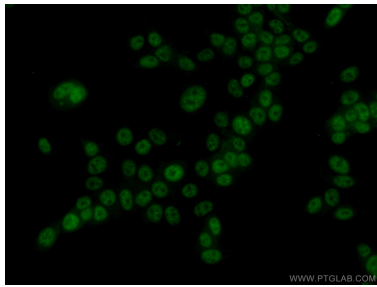
Selected Validation Data



IP result of anti-VIRMA/KIAA1429 (IP:25712-1-AP, 4ug; Detection:25712-1-AP 1:600) with MCF-7 cells lysate 800 ug.



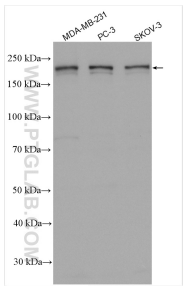
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25712-1-AP (VIRMA/KIAA1429 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



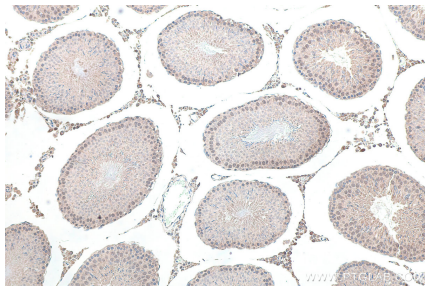
Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 25712-1-AP (VIRMA/KIAA1429 antibody) at dilution of 1:100 and CoraLite488-Conjugated Goat Anti-Rabbit IgG(H+L).



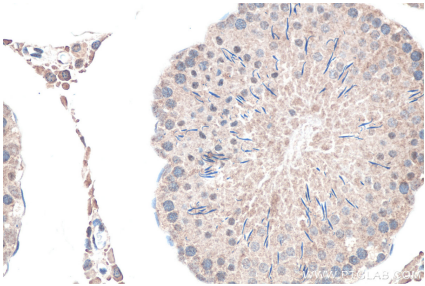
PC-3 cells were subjected to SDS PAGE followed by western blot with 25712-1-AP (KIAA1429 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 25712-1-AP (VIRMA/KIAA1429 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 25712-1-AP (VIRMA/KIAA1429 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 25712-1-AP (VIRMA/KIAA1429 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).