

For Research Use Only

# VIRMA/KIAA1429 Polyclonal antibody



Catalog Number: 25712-1-AP

Featured Product

20 Publications

## Basic Information

<b>Catalog Number:</b> 25712-1-AP	<b>GenBank Accession Number:</b> BC113380	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 25962	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:500-1:2000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> KIAA1429	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1812 aa, 202 kDa	
<b>Immunogen Catalog Number:</b> AG22449	<b>Observed MW:</b> 200-210 kDa	

## Applications

**Tested Applications:**  
IF, IHC, IP, WB, ELISA

**Cited Applications:**  
CoIP, IHC, IP, WB

**Species Specificity:**  
human

**Cited Species:**  
human, mouse

**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

**IF:** MCF-7 cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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

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

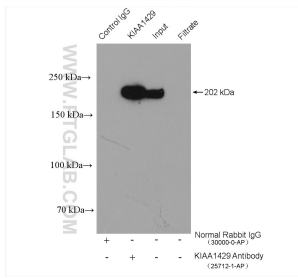
For technical support and original validation data for this product please contact:

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

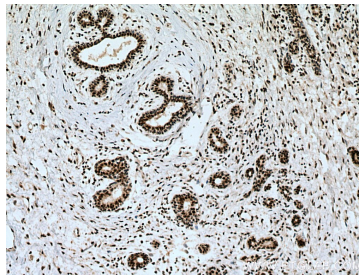
E: proteintech@ptglab.com  
W: ptglab.com

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

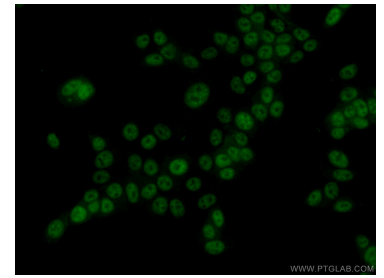
## Selected Validation Data



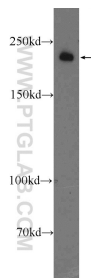
IP result of anti-VIRMA/KIAA1429 (IP:25712-1-AP, 4 $\mu$ g; Detection:25712-1-AP 1:600) with MCF-7 cells lysate 800  $\mu$ g.



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 AffiniPure 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.