

For Research Use Only

ANKRD27 Polyclonal antibody

Catalog Number: 24034-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

24034-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21239

GenBank Accession Number:

BC050529

GeneID (NCBI):

84079

UNIPROT ID:

Q96NW4

Full Name:

ankyrin repeat domain 27 (VPS9 domain)

Calculated MW:

1050 aa, 117 kDa

Observed MW:

117-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

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 : MCF-7 cells,

IP : A431 cells, MCF-7 cells

IHC : human breast cancer tissue,

IF : MCF-7 cells,

Background Information

VARP (VPS9-ankyrin-repeat protein, also known as ANKRD27) was originally identified as an N-terminal VPS9 (vacuolar protein sorting 9)-domain-containing protein that possesses guanine nucleotide exchange factor (GEF) activity toward small GTPase Rab21 and contains two ankyrin repeat (ANKR) domains in its central region.

Notable Publications

Author	Pubmed ID	Journal	Application
Ana Jimenez-Orgaz	29158324	EMBO J	WB
Vasundhara Kandachar	30404838	J Cell Sci	WB
Yifei Pei	35993307	Autophagy	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:

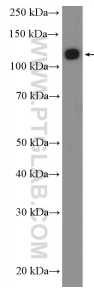
T: 4006900926

E: Proteintech-CN@ptglab.com

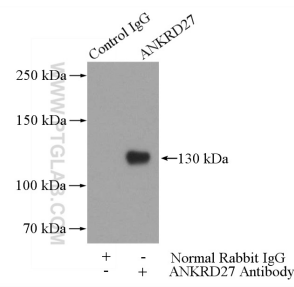
W: ptgcn.com

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

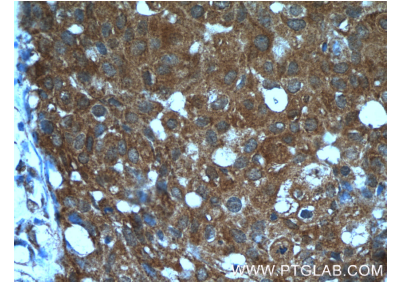
Selected Validation Data



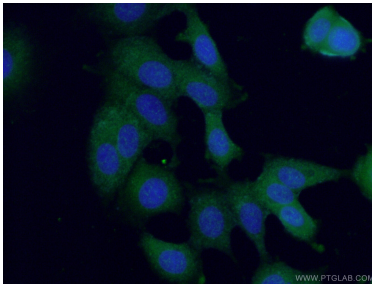
MCF-7 cells were subjected to SDS PAGE followed by western blot with 24034-1-AP (ANKRD27 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-ANKRD27 (IP:24034-1-AP, 4ug; Detection:24034-1-AP 1:1000) with A431 cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24034-1-AP (ANKRD27 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 24034-1-AP (ANKRD27 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).