

For Research Use Only

PLAA Monoclonal antibody

Catalog Number: 60244-1-Ig **Featured Product**



Basic Information

Catalog Number: 60244-1-Ig	GenBank Accession Number: BC032551	Purification Method: Protein A purification
Size: 1360 µg/ml	GeneID (NCBI): 9373	CloneNo.: 5C10G9
Source: Mouse	UNIPROT ID: Q9Y263	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG1	Full Name: phospholipase A2-activating protein	
Immunogen Catalog Number: AG3224	Calculated MW: 738 aa, 81 kDa	
	Observed MW: 75-80 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse, rat

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: ROS1728 cells, K-562 cells, MCF-7 cells, A431 cells

IHC: human kidney tissue,

Background Information

Phospholipase A-2-activating protein (PLAA), also named PLAP, can interact with ubiquitin and is involved in the maintenance of ubiquitin levels. PLAA contains multiple consensus domains including WD repeats, PFU domain and PUL domain. Although the function of PLAA remains unclear, ubiquitin binding of PLAA might be the central role that connects ubiquitination and degradation in ERAD. Recent finding revealed that PLAA served as a novel nociceptive mediator after incision, and its expression level is regulated by miR-203.

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:

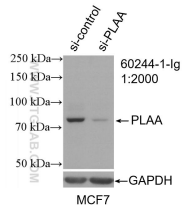
T: 4006900926

E: Proteintech-CN@ptglab.com

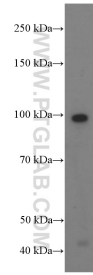
W: ptgcn.com

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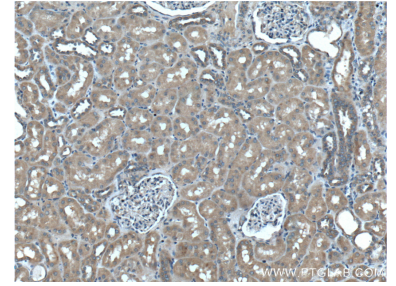
Selected Validation Data



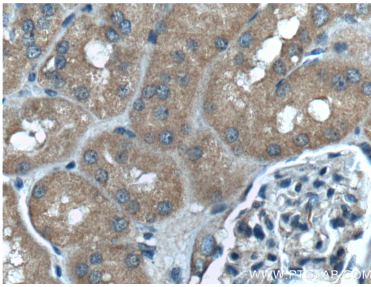
WB result of PLAA antibody (60244-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PLAA transfected MCF-7 cells.



ROS1728 cells were subjected to SDS PAGE followed by western blot with 60244-1-Ig (PLAA Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 60244-1-Ig (PLAA Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 60244-1-Ig (PLAA Antibody) at dilution of 1:200 (under 40x lens).