

For Research Use Only

AP3S1 Polyclonal antibody, PBS Only

Catalog Number: 32945-1-PBS



Basic Information

Catalog Number:

32945-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37523

GenBank Accession Number:

BC000804

GeneID (NCBI):

1176

UNIPROT ID:

Q92572

Full Name:

adaptor-related protein complex 3,

sigma 1 subunit

Calculated MW:

22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human

Background Information

AP-3 complex subunit sigma-1 (AP3S1) is a component of the heterotetrameric adaptor protein complex-3 (AP-3), which plays a central role in intracellular protein trafficking (PMID: 34565296). AP3S1 is also a potential pan-cancer oncogene and plays an essential role in tumorigenesis and cancer immunity. Elevated expression of AP3S1 indicates an immunosuppressive microenvironment and can be used as a potential prognostic biomarker and a target for immunotherapy (PMID: 35874816; 38609993).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

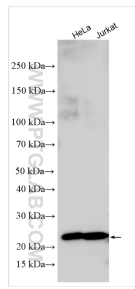
T: 4006900926

E: Proteintech-CN@ptglab.com

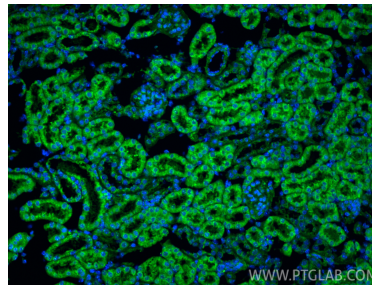
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32945-1-AP (AP3S1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32945-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using AP3S1 antibody (32945-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32945-1-PBS in a different storage buffer formulation.