

For Research Use Only

AP3S1 Polyclonal antibody

Catalog Number: 32945-1-AP



Basic Information

Catalog Number: 32945-1-AP	GenBank Accession Number: BC000804	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 1176	Recommended Dilutions: WB: 1:1000-1:8000 IF-P: 1:200-1:800
Isotype: IgG	UNIPROT ID: Q92572	
Immunogen Catalog Number: AG37523	Full Name: adaptor-related protein complex 3, sigma 1 subunit	
	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, Jurkat cells IF-P : mouse kidney tissue,

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

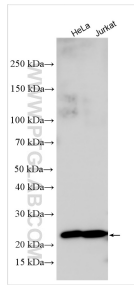
T: 4006900926

E: Proteintech-CN@ptglab.com

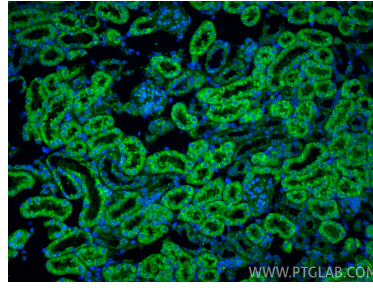
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Selected Validation Data



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.



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).