For Research Use Only

COPS3 Recombinant antibody, PBS Only proteintech® (Detector)

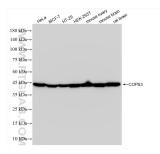
Catalog Number:83822-2-PBS

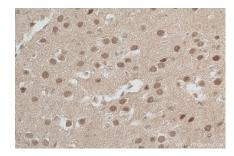
Catalog Number: 83822-2-PBS	GenBank Accession Number: BC001891	Purification Method: Protein A purification
Size: 1 mg/ml	GenelD (NCBI): 8533	CloneNo.: 240918E3
Source: Rabbit	UNIPROT ID: Q9UNS2	
Isotype: IgG Immunogen Catalog Number:	Full Name: COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis) Calculated MW: 48 kDa Observed MW: 46 kDa	
AG32825		
Tested Applications: WB, IHC, IF/ICC, IF-P, Cytometric ELISA Species Specificity: human, mouse, rat	bead array, Indirect	
COPS3 possesses kinase activity that phosphorylates regulators involved in signal transduction. It phosphorylates I kappa-Balpha, p105, and c-Jun. It acts as a docking site for complex-mediated phosphorylation. The gene is located within the Smith-Magenis syndrome region on chromosome 17.		
Storage: Store at -80°C. The product is shipped with ice pa Storage Buffer: PBS Only	icks. Upon receipt, store it immediatel	ly at −80°C
	83822-2-PBS Size: 1 mg/ml Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG32825 Tested Applications: WB, IHC, IF/ICC, IF-P, Cytometric ELISA Species Specificity: human, mouse, rat COPS3 possesses kinase activity kappa-Balpha, p105, and c-Jun. It within the Smith-Magenis syndrom Storage: St	83822-2-PBS BC001891 Size: GeneID (NCBI): 1 mg/ml 8533 Source: UNIPROT ID: Rabbit Q9UNS2 Isotype: Full Name: IgG COP9 constitutive photomorphotoly Immunogen Catalog Number: AG32825 AG32825 Calculated MW: 48 kDa Observed MW: 46 kDa Observed MW: 46 kDa Species Specificity: human, mouse, rat COPS3 possesses kinase activity that phosphorylates regulators involv kappa-Balpha, p105, and c-Jun. It acts as a docking site for complex-mere within the Smith-Magenis syndrome region on chromosome 17. Storage: Storage: Storage: Storage: Storage: Storage is hipped with ice packs. Upon receipt, store it immediate

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.

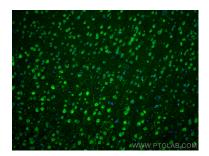
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Selected Validation Data

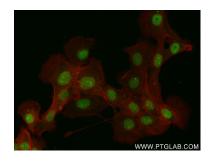




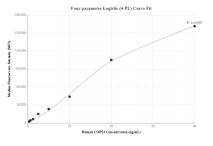
Various lysates were subjected to SDS PAGE followed by western blot with 83822-2-RR (COPS3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83822-2-PBS in a different storage buffer formulation. Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 83822-2-RR (COPS3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83822-2-PBS in a different storage buffer formulation.



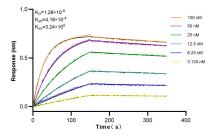
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using COPS3 antibody (83822-2-RR, Clone: 240918E3) at dilution of 1:500 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83822-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using COP53 antibody (83822-2-RR, Clone: 240918E3) at dilution of 1:300 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83822-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00797-1, COPS3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83822-4-PBS. Detection antibody: 83822-2-PBS. Standard: Ag32825. Range: 0.313-40 ng/mL.



Biolayer interferometry (BLl) kinetic assays of 83822-2-RR against Human COPS3 were performed. The affinity constant is 1.29 nM.