

For Research Use Only

CDK5RAP3 Recombinant monoclonal antibody

Catalog Number: 86177-1-RR



Basic Information

Catalog Number:	86177-1-RR	GenBank Accession Number:	BC009957	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	80279	CloneNo.:	250801G6
Isotype:	IgG	UNIPROT ID:	Q96JB5	Recommended Dilutions:	WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG1474	Full Name:	CDK5 regulatory subunit associated protein 3		
		Calculated MW:	57 kDa		
		Observed MW:	65 kDa		

Applications

Tested Applications:	WB, IF/ICC, ELISA	Positive Controls:	WB: HeLa cells, A431 cells, HEK-293T cells, Jurkat cells, NIH/3T3 cells, rat brain tissue
Species Specificity:	human, mouse, rat	IF/ICC:	Jurkat cells,

Background Information

Cyclin-dependent kinase 5 (CDK5) regulatory subunit associated protein 3 (CDK5RAP3, also named as C53 or LZAP) was initially identified as a binding protein of CDK5 activator p35. CDK5RAP3 is widely expressed in human tissues and broadly located in subcellular compartments. By interacting with other proteins, CDK5RAP3 participates in the regulation of multiple cellular processes including cell cycle, apoptosis, cell invasion, signaling transduction, autophagy, UFMylation and endoplasmic reticulum (ER) stress.

Storage

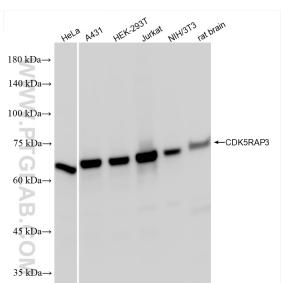
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

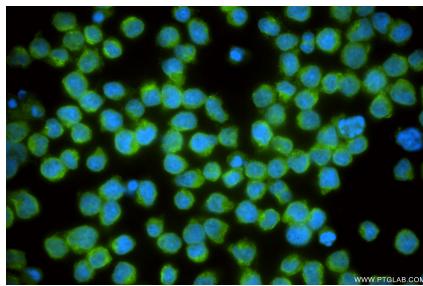
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86177-1-RR (CDK5RAP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CDK5RAP3 antibody (86177-1-RR, Clone: 250801G6) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).