

For Research Use Only

PEL1 Recombinant monoclonal antibody

Catalog Number:87624-2-RR



Basic Information

Catalog Number: 87624-2-RR	GenBank Accession Number: BC011419	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 57162	CloneNo.: 252984C10
Isotype: IgG	UNIPROT ID: Q96FA3	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: AG2683	Full Name: pellino homolog 1 (Drosophila)	
	Calculated MW: 418 aa, 46 kDa	
	Observed MW: 46-53 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : Ramos cells, LPS treated RAW 264.7 cells, PC-12 cells, mouse brain tissue, rat brain tissue

Background Information

PEL1 encodes pellino-1, an E3 ubiquitin-protein ligase pellino homolog. E3 ubiquitin ligase functions by catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Pellino-1 is involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Pellino-1 can mediate 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation thus playing a role in cellular inflammation.

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:

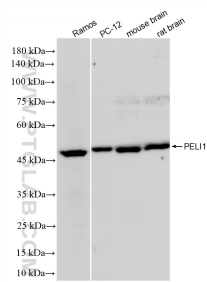
T: 4006900926

E: Proteintech-CN@ptglab.com

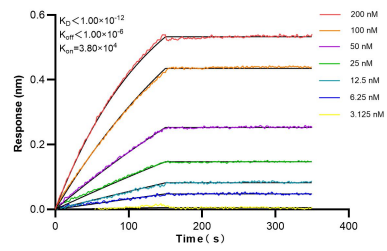
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87624-2-RR (PELI1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87624-2-RR against Human PELI1 were performed. The affinity constant is below 1 pM.