

For Research Use Only

DCTN3 Polyclonal antibody, PBS Only

Catalog Number: 11325-1-PBS



Basic Information

Catalog Number: 11325-1-PBS	GenBank Accession Number: BC000319	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 11258	
Source: Rabbit	UNIPROT ID: O75935	
Isotype: IgG	Full Name: dynactin 3 (p22)	
Immunogen Catalog Number: AG1865	Calculated MW: 186 aa, 21 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

DCTN3 (Dynactin Subunit 3, also known as p22) is a core component of the dynactin complex, essential for cytoplasmic dynein-mediated intracellular transport. This 22-kDa polypeptide binds directly to microtubules and stabilizes the dynactin structure, facilitating cargo movement along microtubule tracks. DCTN3 plays critical roles in mitotic spindle organization, vesicle trafficking, and neuronal development (PMID: 24352458).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

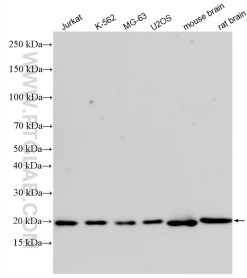
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

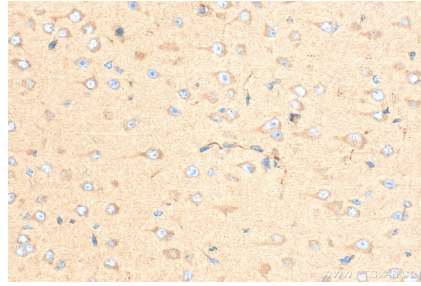
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11325-1-AP (DCTN3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11325-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11325-1-AP (DCTN3 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11325-1-PBS in a different storage buffer formulation.