

For Research Use Only

Rootletin Polyclonal antibody

Catalog Number: 55485-1-AP



Basic Information

Catalog Number: 55485-1-AP	GenBank Accession Number: NM_014675	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1500 µg/ml by Nanodrop and 813 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9696	Recommended Dilutions: WB 1:1000-1:4000 IF 1:200-1:800
Source: Rabbit	Full Name: ciliary rootlet coiled-coil, rootletin	
Isotype: IgG	Calculated MW: 229 kDa	
	Observed MW: 228 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB: mouse brain tissue, IF: C2C12 cells,

Background Information

Rootletin is predicted to enable kinesin binding activity and structural molecule activity. Involved in several processes, including centriole-centriole cohesion; positive regulation of cilium assembly; and positive regulation of protein localization to cilium.

Storage

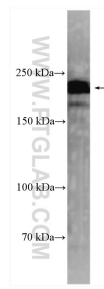
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

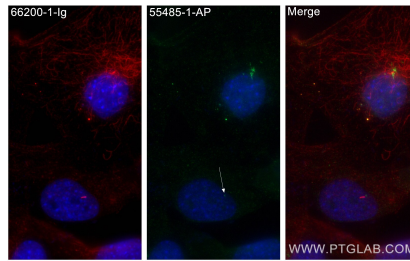
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55485-1-AP (Rootletin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using CROCC antibody (55485-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), acetylated Tubulin(Lys40) antibody (66200-1-Ig, Clone: 7E5H8, red).