For Research Use Only

Rootletin Polyclonal antibody

Catalog Number:55485-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
55485-1-AP

Size:
150ul , Concentration: 1500 ug/ml by Nanodrop and 813 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_014675

GeneID (NCBI):
9696

UNIPROT ID:
Q5TZA2

Full Name:
ciliary rootlet coiled-coil, rootletin

Calculated MW:
229 kDa

Observed MW:
228 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:4000
IF/ICC 1:50-1:500

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : mouse brain tissue,

IF/ICC : hTERT-RPE1 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
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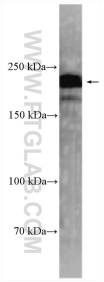
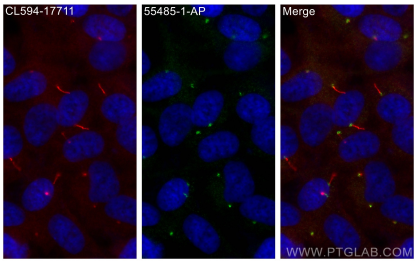
Selected Validation Data



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 (-20°C Methanol) fixed hTERT-RPE1 cells using Rootletin antibody (55485-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CoraLite®594 ARL13B antibody (CL594-17711, red).