

For Research Use Only

DRC1 Polyclonal antibody

Catalog Number: 26219-1-AP



Basic Information

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|---|---|--|
| Catalog Number: 26219-1-AP | GenBank Accession Number: BC009488 | Purification Method: Antigen affinity purification |
| Size: 600 ug/ml | GeneID (NCBI): 92749 | Recommended Dilutions: WB 1:1000-1:6000 |
| Source: Rabbit | UNIPROT ID: Q96MC2 | IF/ICC 1:50-1:500 |
| Isotype: IgG | Full Name: chromosome 2 open reading frame 39 | |
| Immunogen Catalog Number: AG24113 | Observed MW: 87 kDa | |

Applications

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| Tested Applications: IF-P, WB, ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB : mouse testis tissue, rat testis tissue |
| | IF/ICC : hTERT-RPE1 cells, |

Background Information

DRC1, also known as C2orf39, CCDC164, has 3 coiled-coil motifs in its N-terminal half and an additional coiled-coil motif near its C terminus. DRC1 is a subunit of the nexin-dynein regulatory complex, an axonemal structure critical for the regulation of ciliary dynein motors. DRC1 is predominantly expressed in the lung, brain, and prostate (PMID: 23354437). DRC1 deficiency disrupts the assembly of the nexin-dynein regulatory complex, causing ciliary dyskinesia (PMID: 23354437, 34815526).

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

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

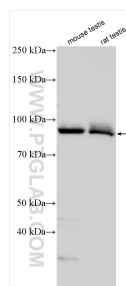
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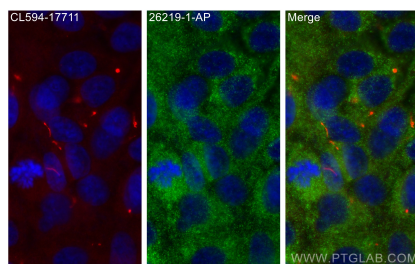
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26219-1-AP (DRC1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using DRC1 antibody (26219-1-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).