

For Research Use Only

# LRRC8D Recombinant antibody

Catalog Number: 86510-1-RR



## Basic Information

|                           |            |                           |   |                        |   |
|---------------------------|------------|---------------------------|---|------------------------|---|
| Catalog Number:           | 86510-1-RR | GenBank Accession Number: | BC024159  | Purification Method:   | Protein A purification                    |
| Concentration:            | 1000 µg/ml | GenID (NCBI):             | 55144   | CloneNo.:              | 251257E6                                  |
| Source:                   | Rabbit     | UNIPROT ID:               | Q7L1W4  | Recommended Dilutions: | WB: 1:5000-1:50000<br>IF/ICC: 1:200-1:800 |
| Isotype:                  | IgG        | Full Name:                | leucine rich repeat containing 8 family, member D |                        |   |
| Immunogen Catalog Number: | AG2138     | Calculated MW:            | 858 aa, 98 kDa                                    |                        |   |
|                           |            | Observed MW:              | 98-120 kDa  |                        |   |

## Applications

|                      |                   |                    |  |
|----------------------|-------------------|--------------------|--|
| Tested Applications: | WB, IF/ICC, ELISA | Positive Controls: | WB: HEK-293 cells, HaCaT cells, rat brain tissue |
| Species Specificity: | human, rat        | IF/ICC:            | HEK-293 cells,                                   |

## Background Information

LRRC8D (or LRRC5L) gene encodes a 98-kDa multi-pass membrane protein leucine-rich repeat-containing protein 8D, which contains 13 LRRs (leucine-rich repeats). The molecular function of this protein is so far not well understood. Recently, LRRC8D gene was found to be up-regulated after IL-2 deprivation in immortalised Interleukin-2(IL-2)-dependent human T cells, indicating a possible involvement of LRRC8D in cancer development. This LRRC8D antibody can't cross-recognize LRRC8A.

## 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:

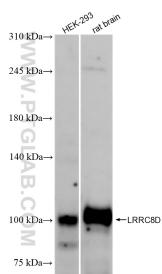
T: 4006900926

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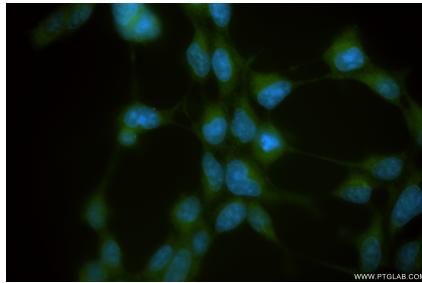
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86510-1-RR (LRRK8D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using LRRK8D antibody (86510-1-RR, Clone: 251257E6) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).