

For Research Use Only

# PPARGC1B Monoclonal antibody

Catalog Number: 67821-1-Ig **2 Publications**



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>67821-1-Ig  | <b>GenBank Accession Number:</b><br>BC132971  | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>150ul , Concentration: 1000 ug/ml by Nanodrop and 535 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>133522   | <b>CloneNo.:</b><br>2D2E8                             |
| <b>Source:</b><br>Mouse   | <b>UNIPROT ID:</b><br>Q86YN6  | <b>Recommended Dilutions:</b><br>WB 1:2000-1:10000    |
| <b>Isotype:</b><br>IgG1   | <b>Full Name:</b><br>peroxisome proliferator-activated receptor gamma, coactivator 1 beta |   |
| <b>Immunogen Catalog Number:</b><br>AG28861   | <b>Calculated MW:</b><br>1023 aa, 113 kDa   |   |
|   | <b>Observed MW:</b><br>150 kDa  |   |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>WB, ELISA              | <b>Positive Controls:</b><br>WB : HeLa cells, MCF-7 cells, SH-SY5Y cells, pig brain tissue, rat brain tissue, mouse brain tissue |
| <b>Cited Applications:</b><br>WB                      |  |
| <b>Species Specificity:</b><br>Human, mouse, pig, rat |  |
| <b>Cited Species:</b><br>rat, mouse                   |  |

## Notable Publications

| Author        | Pubmed ID | Journal            | Application |
|---------------|-----------|--------------------|-------------|
| Wenxuan Dong  | 36493885  | Chem Biol Interact | WB          |
| Yusuke Komiya | 38191891  | Sci Rep            | WB          |

## Storage

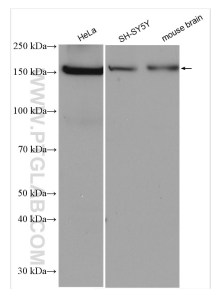
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

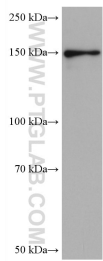
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67821-1-Ig (PPARGC1B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 67821-1-Ig (PPARGC1B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.