

PARS2 Polyclonal Antibody

Catalog No: #29861

Package Size: #29861-1 50ul #29861-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

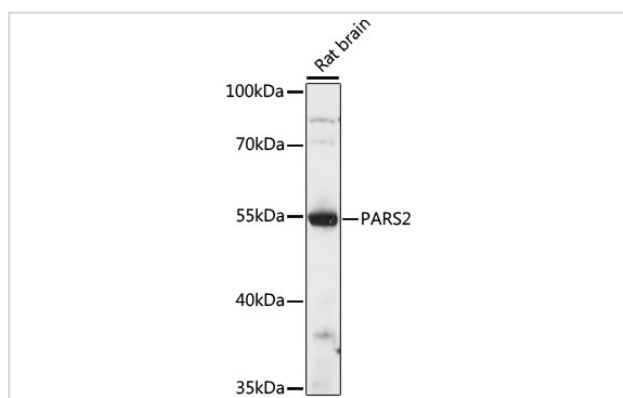
Description

| | |
|-----------------------|--|
| Product Name | PARS2 Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB |
| Species Reactivity | Rat |
| Immunogen Description | Recombinant fusion protein of human PARS2 (NP_689481.2). |
| Other Names | PARS2; MT-PRORS; proRS; probable proline--tRNA ligase, mitochondrial |
| Accession No. | Swiss-Prot#:Q7L3T8NCBI Gene ID:25973 |
| Uniprot | Q7L3T8 |
| GeneID | 25973; |
| Calculated MW | 55kDa |
| Formulation | Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4. |
| Storage | Store at -20°C |

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of rat brain, using PARS2 at 1:1000 dilution.

Background

This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of proline to tRNA molecules. Mutations have been found in this gene in some patients with Alpers syndrome.

Note: This product is for in vitro research use only