

PARS2 Polyclonal Antibody

Catalog No: #29860

Package Size: #29860-1 50ul #29860-2 100ul

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

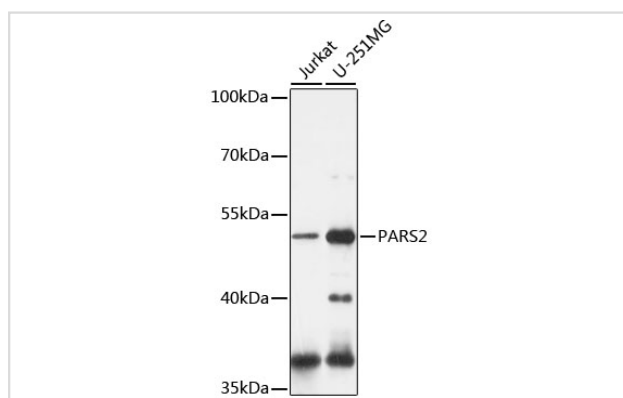
Description

Product Name	PARS2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
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	51kDa
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 various cell lines, 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