



## Datasheet for ABIN7259200 **anti-PARS2 antibody**



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### 1 Image

#### Overview

Quantity:	200 µL
Target:	PARS2
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARS2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Recombinant fusion protein of human PARS2 (NP_689481.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	PARS2
Alternative Name:	PARS2 ( <a href="#">PARS2 Products</a> )
Background:	<p>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.</p>

## Target Details

Mutations have been found in this gene in some patients with Alpers syndrome.

Molecular Weight: Observed\_MW: 55 kDa  
Calculated\_MW: 53 kDa

Gene ID: 25973

UniProt: [Q7L3T8](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

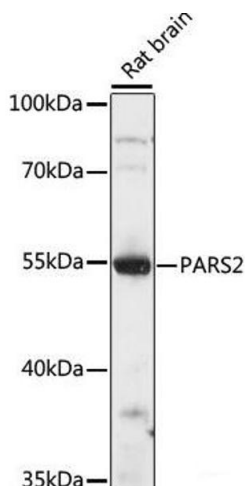
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of Rat brain using PARS2 Polyclonal Antibody at dilution of 1:1000.