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Datasheet for ABIN7269562
anti-PARS2 antibody (AA 30-220)

1 Image

Overview

Quantity:	100 µL
Target:	PARS2
Binding Specificity:	AA 30-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PARS2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-220 of human PARS2 (NP_689481.2).
Sequence:	HHCAPRRGRR LLLSRVFQPQ NLREDRVLSL QDKSDDLTK SQRLMLQVGL IYPASPGCYH LLPYTVRAME KLVRVIDQEM QAIGGQKVNMM PSLSPAELWQ ATNRWDLMGK ELLRLRDRHG KEYCLGPTHE EAITALIASQ KKLSYKQLPF LLYQVTRKFR DEPRPRFGLL RGREFYMKDM YTFDSSPEAA Q
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: PARS2

Alternative Name: PARS2 ([PARS2 Products](#))

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.,PARS2,MT-PRORS,proRS,Epigenetics & Nuclear Signaling,PARS2

Molecular Weight: 53kDa

Gene ID: 25973

UniProt: [Q7L3T8](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

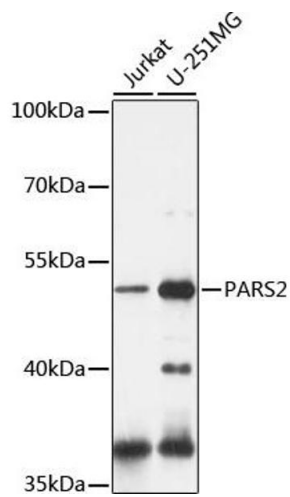
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using P antibody (ABIN7269562) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.