

A8499

Leader in Biomolecular Solutions for Life Science



## QRSL1 Rabbit pAb

Catalog No.: A8499

### Basic Information

**Observed MW**

57kDa

**Calculated MW**

57kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse

### Background

Enables glutaminyl-tRNA synthase (glutamine-hydrolyzing) activity. Involved in glutaminyl-tRNA<sup>Gln</sup> biosynthesis via transamidation and mitochondrial translation. Located in mitochondrion. Part of glutamyl-tRNA(Gln) amidotransferase complex. Implicated in combined oxidative phosphorylation deficiency 40.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

55278

**Swiss Prot**

Q9H0R6

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 289-528 of human QRSL1 (NP\_060762.3).

**Synonyms**

GatA; COXPD40; QRSL1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

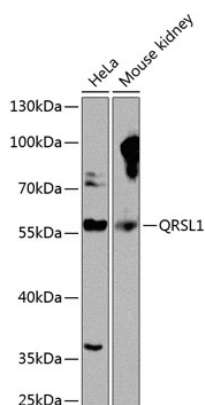
**Storage**

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

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

## Validation Data

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Western blot analysis of various lysates using QRSL1 Rabbit pAb (A8499) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.